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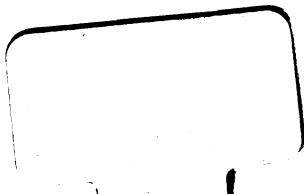
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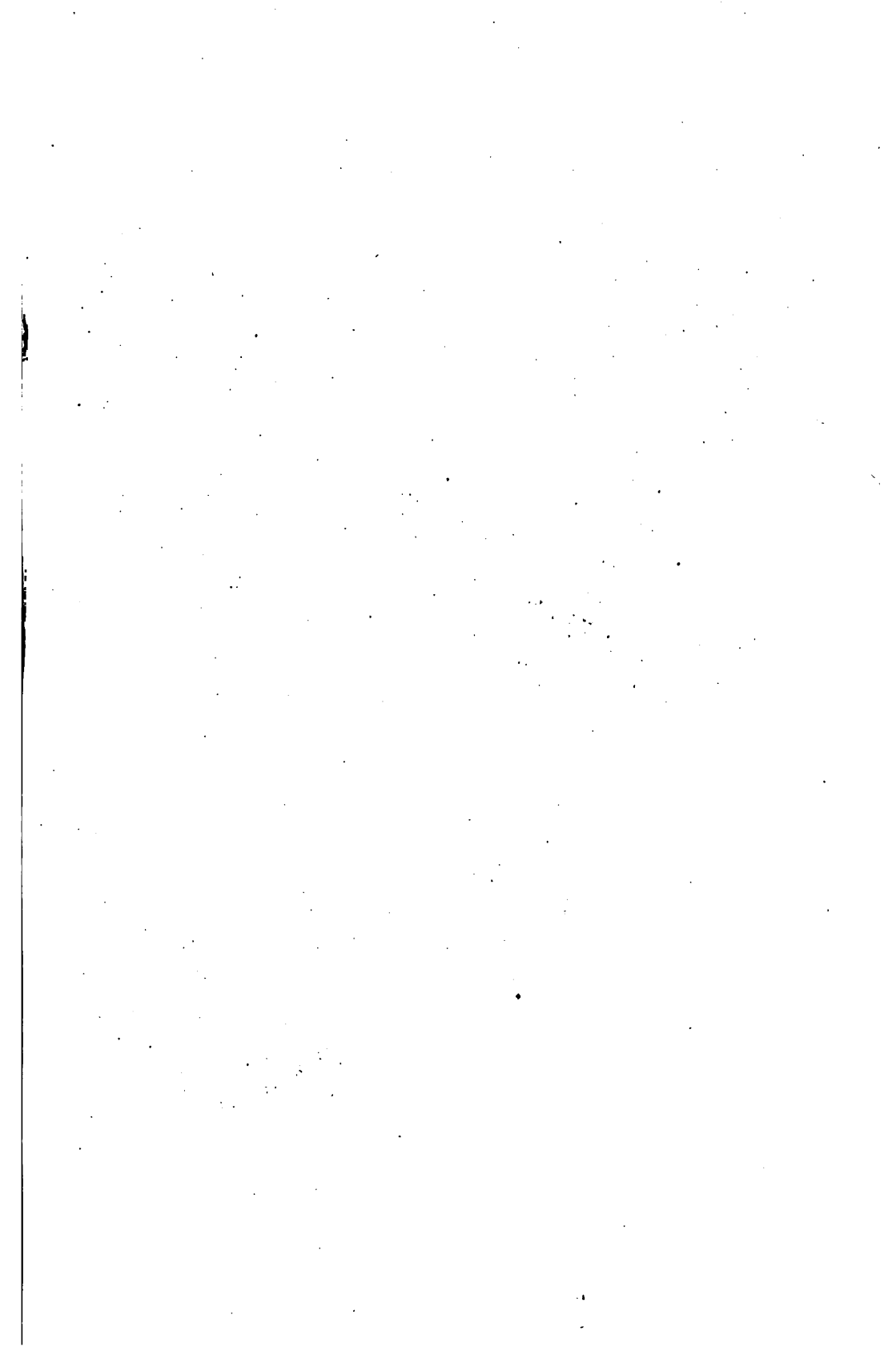
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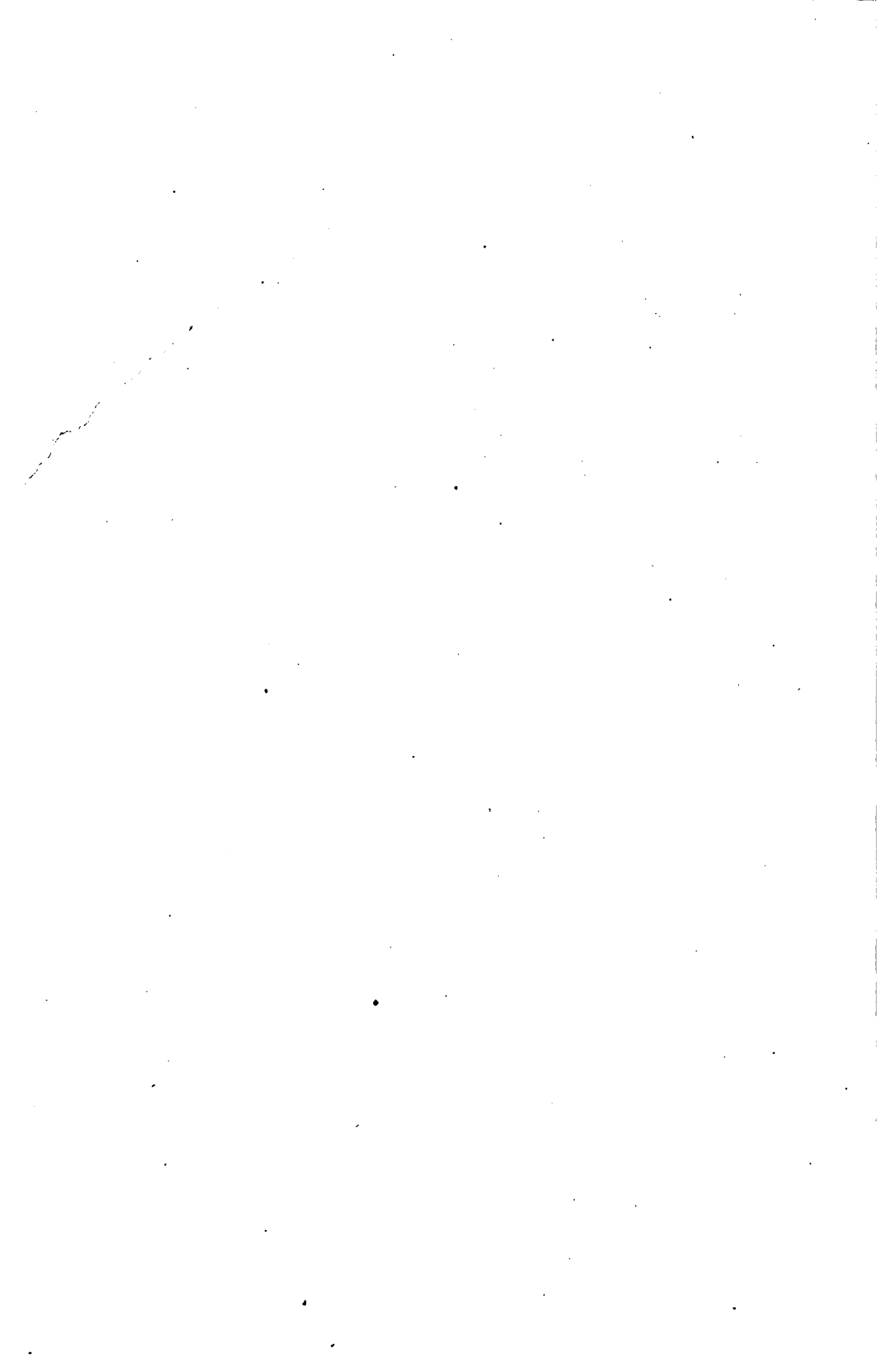


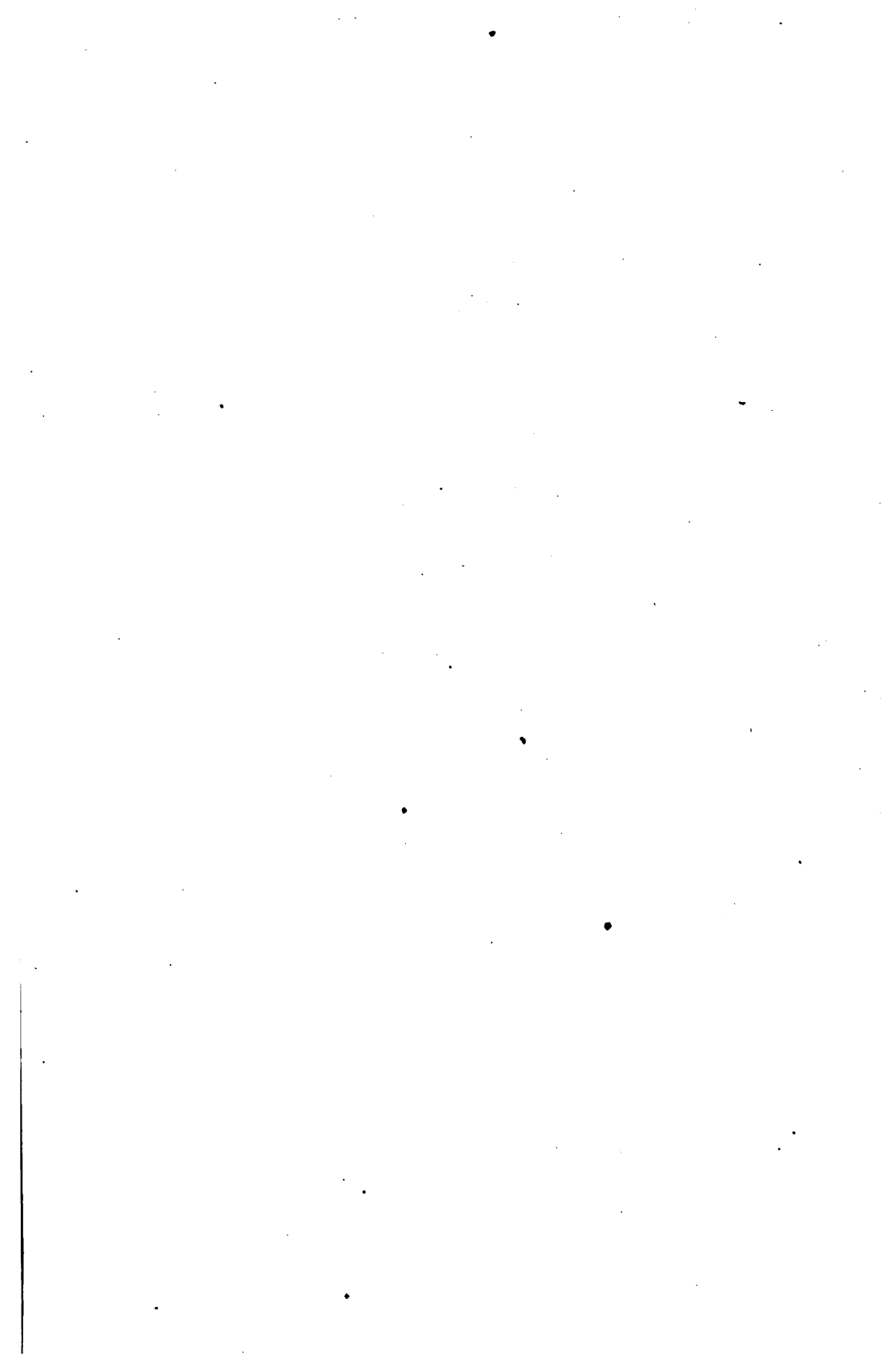
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BIENNIAL REPORT

OF THE

Board of State Harbor Commissioners

FOR THE TWO FISCAL YEARS

Commencing July 1, 1884, and Ending June 30, 1886.



SACRAMENTO, CAL.

STATE OFFICE.....JAMES J. AYERS, SUPT. STATE PRINTING.

1886.

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REPORT.

To Hon. GEORGE STONEMAN, Governor of the State of California:

In compliance with Sections 332 and 2537 of the Political Code, the Board of State Harbor Commissioners submits its report to you, for the two fiscal years ending June 30, 1886.

The details of the amount of money received and disbursements made by the Board appear in the tabular statements annexed hereto, and the following is a summary of them:

RECEIPTS.	
From dockage.....	\$363,066 12
From tolls.....	343,108 72
From rents and special privileges (including all monthly charges).....	259,006 60
From sale of old material.....	995 80
From dredging.....	5,904 33
From miscellaneous sources (Oregon Improvement Company, in lieu of structures, fishermen's wharf, etc.).....	12,471 57
Total receipts.....	\$984,553 14
Amount drawn from San Francisco Harbor Improvement Fund.....	666,539 02
Total.....	<u>\$1,651,092 16</u>

DISBURSEMENTS.	
Salaries of Commissioners, Secretaries, Engineers, Draughtsman, Attorney, Wharfingers, Collectors, Watchmen, and Clerks in Secretary's office.....	\$196,902 33
Construction, including building of new wharves, sheds, sewers, and roadways; maintenance and repairs of outer half of waterfront streets, old wharves, buildings, roadways, and seawall, and furniture of wharf offices..	446,219 14
Wharf cleaning.....	20,998 15
Dredging.....	98,934 20
Seawall construction.....	276,863 72
Filling in and improving seawall lots.....	48,606 18
Condemnation of land for seawall.....	28,185 87
Fire account.....	8,790 00
Amount paid J. S. Wilkins, as directed by the Legislature.....	450 00
General expenses, including office rent, fuel, stationery, printing, legal expenses, lights at wharves, overpaid revenue returned, and other incidental expenses.....	16,004 38
Total disbursements.....	<u>\$1,141,958 97</u>
Amount remitted to State Treasurer.....	509,133 19
	<u>\$1,651,092 16</u>

SAN FRANCISCO HARBOR IMPROVEMENT FUND.

Amount in fund July 1, 1884.....	\$201,968 32
Amount remitted to June 30, 1886.....	509,133 19
	<u>\$711,101 51</u>
Amount drawn out to June 30, 1886.....	\$666,539 02
Amount in fund July 1, 1886.....	44,562 49
	<u>\$711,101 51</u>

*The last report showed the amount in the fund, as appeared by the books, to be \$221,056 31, but this included \$19,087 99, which the books of John S. Gray, the late Secretary of the Board, erroneously showed to have been remitted to the State Treasury.

CONSTRUCTION ACCOUNT.

This account does not embrace the construction of the seawall. It is classed under two heads:

First—Work completed since last report:

Replanking portions of Pacific-Street wharf. Contract prices—furnishing and laying 6x6 inch planking, \$22 94 per M. feet, B. M.; furnishing and laying wedged planking, \$23 60 per M. feet, B. M.; furnishing and placing stringers (4x12 inch and 10x12 inch), \$22 80 per M. feet, B. M.

Work done:

97,575 feet, 6x6 inch planking	\$2,238 37
124,020 feet, wedged planking	2,926 87
18,099 feet, stringers	412 65
1,800 feet, old curbing relaid	8 10

Total \$5,585 99

Section 1, of wharves and piers along Berry and Third Streets. Third-Street wharf, 311 feet by 66 feet, a connecting wharf 40 feet by 60 feet, and hay wharf, 540 feet by 132 feet.

Contract price.....\$28,369 00

Section 2, of wharves and piers along Berry and Third Streets. Berry-Street wharf, 458 feet by 59 feet; Berry-Street pier, 610 by 80 feet.

Contract price.....\$29,269 00

Box sewer under Kearny Street, near seawall. This contract was not fully completed, and there was paid thereon but \$320 55.

Two sheds and offices, near ferry slips Nos. 1 and 2. Dimensions 22 by 50 feet and 29 by 23 feet.

Contract price.....\$1,240 00

Oil wharf, foot of Center Street, 330 feet long by 50 feet wide, and 400 feet long by 60 feet wide.

Contract price.....\$20,855 00

Tearing up portion of and removing shed from Green-Street wharf. Area torn up, about 13,200 square feet. Shed removed to Section 4. seawall.

Contract price.....\$980 00

Wooden sewer through seawall, near Bay Street—190 feet long.

Contract price.....\$875 00

Embankment along Center Street—580 feet in length, 475 feet of which is 20 feet wide, and 105 feet an average of 35 feet wide.

Contract price.....\$6,000 00

Removing portions of old and new Vallejo-Street wharves, and constructing connecting wharves between new Vallejo and Green-Streets wharves. Area removed, about 17,825 square feet; connecting wharves, 290 feet long by 24 feet wide.

Contract price.....\$2,745 00

Section of Union-Street wharf and wharf between Union and Green-Streets wharves—Union-Street wharf, 140 feet by 80 feet; connecting wharf, 200 feet by 24 feet.

Contract price.....\$8,697 00

Fishermen's dock and breakwater—Two wharves, one 553 feet long by 24 feet wide; the other, 389 feet long by 24 feet wide, and breakwater 577 feet in length.

Contract price.....\$19,300 00

Extras.....2,682 77

\$21,982 77

Three sheds near ferry slip No. 2; dimensions, 74 feet by 32 feet, 60 feet by 55 feet, and 40 feet by 11½ feet.

Contract price.....\$1,340 00

Shed on Folsom-Street wharf, 400 feet long by 70 feet wide.

Contract price.....\$8,970 00

Extras.....141 22

\$9,111 22

Removal and rebuilding of portions of ferry slips Nos. 3 and 4.

Work consisted of furnishing, driving, and fastening 369 piles, furnishing, fitting, and fastening 40,000 feet of lumber, and remodeling the hoisting gear.

Contract price.....\$11,445 00

Connection of Green-Street wharf with Seawall wharf, and removal of temporary wharf between Green and Union-Streets wharves—Connection built, 80 feet by 30 feet; connection removed, 200 feet by 30 feet.

Contract price.....\$800 00

Two-story building on Third Street, near its junction with Berry-Street wharf—34 feet by 22 feet and 28½ feet high.

Contract price.....\$1,538 00

Pier between Folsom and Harrison-Streets piers, 614 feet long by 80 feet wide.

Contract price.....\$22,100 00

Extras.....742 44

\$22,842 44

Connection of Vallejo-Street wharf with Seawall wharf, and removal of temporary wharf between Vallejo and Green-Streets wharves. Structure built, 200 feet by 24 feet; structure removed, 30 feet by 80 feet.

Contract price.....\$962 00

Pier between Broadway and Vallejo-Street piers, 591 feet long by 100 feet wide.

Contract price.....\$22,947 00

Covering a space on the Seawall wharf, opposite fishermen's slip, with asphaltum pavement. Area covered, 8,101 square feet.

Contract price, 10 cents per square foot.....\$810 10

Bridge to connect Vallejo-Street wharf with Section 5 of seawall.
Temporary structure of old material, 30 feet by 24 feet.

Contract price\$165 00

Repairing hoisting gear, etc., of ferry slip No. 4, redriving piles for foundation, and renewing gallows frame.

Contract price\$650 00
Less deduction of 15 00

Amount paid\$635 00

Box sewer through Section 5 of seawall, 275 feet long, 3 feet by 5 feet inside.

Contract price, \$4 10 per linear foot\$1,127 50

Removing two sheds from Broadway wharf; one 465 feet by 54½ feet, taken down and material stored; the other 160 feet by 40 feet, removed to Harrison-Street wharf.

Contract price\$1,200 00

Construction of temporary roadway between Pacific-Street and Broadway wharves; removal of same, and removal of portion of Broadway wharf.

Temporary roadway, 200 feet by 24 feet; portion of Broadway wharf removed, 520 feet by 110 feet.

In payment for said work the contractor had all the old material removed.

Car ferry slip at foot of Second Street.

Contract price\$27,341 00
Extras 1,593 67

Total\$28,934 67

Approach to car ferry slip, at foot of Second Street. Stone and earth embankment, 230 feet long, with an average width of 63 feet. Contract prices: Stone, 97 cents per ton of 2,240 pounds, and earth, 25 cents per cubic yard. Material used:

Stone, 6,845.93 tons\$6,640 55
Earth, 16,736.91 cubic yards 4,184 23

Total\$10,824 78

Repairing fishermen's market. Shingling, painting, and whitewashing and repairing woodwork.

Contract price\$514 00.

Removal of portion of Pacific-Street wharf, and construction of connecting roadway between Pacific and East-Streets wharves. Area of Pacific-Street wharf removed, about 10,590 square feet; connecting roadway built, 210 feet by 30 feet.

Contract price\$2,837 00

Shed on Broadway wharf No. 2, 577 feet long by 90 feet wide.

Contract price\$7,634 00

Gates at Third and Berry-Streets wharves, and oil works wharf.

Contract price\$325 00

Office and freight room under shed on Folsom-Street pier.

Contract price.....\$210 00

Cattle wharf at foot of Second Street, triangular in shape, 190 feet by 174 feet by 260 feet.

Contract price.....\$2,758 00

Connecting Broadway wharf No. 1 with the Seawall wharf,*100 feet by 110 feet.

Contract price.....\$3,187 00

Box sewer along Broadway through the Seawall thoroughfare, 446 feet 6 inches in length, 4 feet by 6 feet inside.

Contract price, \$3 98 per linear foot.....\$1,777 47

Second.—Work contracted for but not completed June '30, 1886:

Connecting Pacific-Street wharf with wharf along Section 6 of seawall.

Contract price, \$850.....Nothing paid.

SEAWALL.

Section 5. This section was in process of construction at date of the Board's last report. It extends southerly from section four a distance of one thousand feet. It was brought to grade on March 13, 1885, and was there maintained by the contractor for a period of three months, when it was accepted and final payment made.

There was paid for this work as follows:

Stone, 119,025.86 tons, at 52 cents per ton of 2,240 pounds.....	\$61,893 44
Earth, 272,499.2 cubic yards, at 29 cents per cubic yard.....	79,024 77
Wharf.....	28,975 36
Total cost.....	\$169,893 57

Of this amount \$5,777 64 was paid prior to the last report, and the balance, \$164,118 19, was paid since.

The estimates for the stone and earth for this section were based upon the amounts used in the construction of sections one to four, and they were in excess of the actual amounts used: Stone, 44 $\frac{9}{10}$ per cent, and earth 4 $\frac{8}{10}$ per cent.

Section 6. On the sixth day of January, 1885, the Board, acting in conjunction with the Governor of the State and the Mayor of the City and County of San Francisco, awarded a contract for the construction of Section 6 to the San Francisco Bridge Company.

This section extends southerly from Section 5 a distance of 800 feet.

Seven bids were received, as follows:

NAME OF BIDDER.	Rock per Ton.	Earth per Cubic Yard.	Wharf.	Total.
San Francisco Bridge Company.....	\$0 63 $\frac{3}{4}$	\$0 34 $\frac{3}{4}$	\$15,000 00	\$123,506 50
David Finley.....	65	39	19,700 00	133,543 00
J. S. Tibbals.....	69	39	17,160 00	137,343 00
California Bridge Company.....	65	39	23,000 00	139,623 00
Jas. McCudden.....	80	35	22,000 00	145,945 00
John Kelso and John Hackett.....	78	41	24,000 00	155,207 00
B. McMahon.....	77	40	28,000 00	156,810 00

The structure was brought to grade April 3, 1886, and the contract specified that it shall be there maintained by the contractor for the period of three months.

There was used in the construction of this section:

Stone, 89,704.49 tons of 2,240 pounds	\$56,962 33
Earth, 159,277.7 cubic yards	54,950 80
Wharf	14,866 60
Total	\$126,779 73

The estimates for the stone and earth for this section were based upon the amounts used in the construction of Section 5, and they were substantially correct, the actual quantity of stone used being less than one per cent, and the actual amount of earth used but 5.6 $\frac{2}{100}$ per cent in excess of the estimated quantities.

There has been paid upon this contract to date \$95,064 63, and the balance thereof, \$31,715 10, falls due July 3, 1886.

COST OF SEAWALL.

The cost of constructing the several sections of the seawall and thoroughfare is as follows:

Section A, 561 feet long, \$152 61 per linear foot	\$85,614 53
Section 1, 1,000 feet long, \$165 63 per linear foot	165,631 40
Section 2, 1,000 feet long, \$167 50 per linear foot	167,504 09
Section 3, 1,000 feet long, \$235 50 per linear foot	235,049 51
Section 4, 1,000 feet long, \$240 87 per linear foot	240,872 01
Section 5, 1,000 feet long, \$169 89 per linear foot	169,893 57
Section 6, 800 feet long, \$158 47 per linear foot	126,779 73

Total cost of 6,361 feet (average cost per linear foot, \$187 28)--- \$1,191,344 86

REPAIRS ON SECTIONS ONE AND TWO, SEAWALL.

The stone wall on the waterfront side of Sections 1 and 2 was badly damaged by the great storm of December, 1884. The Engineer was directed to prepare plans and specifications for and make estimates of the cost of refacing these sections with stone.

A contract was awarded in accordance with these plans and specifications at the following prices: For furnishing and laying large stone, 85 cents per ton; for furnishing and laying small stone, 80 cents per ton; and for laying stone furnished by the Board, 45 cents per ton.

There has been furnished and laid:

Large stone—3,799.31 tons	\$3,229 40
Small stone—5,097.76 tons	4,078 20
Total	\$7,307 60

The contract provides for payments of 75 per cent upon monthly estimates, and in accordance therewith there has been paid \$5,480 72, and retained \$1,826 88, to be paid upon final acceptance of the work.

The estimates for the material for this work were, large stone, 8,000 tons, which, at the contract price, would be \$6,800; small stone, 7,000 tons, which, at the contract price, would be \$5,600, making a total of \$13,600.

It is now evident that the slope of these sections was too steep and the rock used too small. The refacing is now being done with large stone. The work has been somewhat delayed, for the reason that these sections are in constant use, and the difficulty of procuring stone of sufficient size.

IMPROVING SEAWALL LOTS.

The construction of the seawall, and the extension of streets thereto, has formed blocks and parts of blocks, which embrace an area of 577,397 square feet, which is equal to 30½ 50-vara lots.

Since the last report the Board has expended \$48,606 18 in filling in, grading, sewerage, and otherwise improving this property and the streets adjacent thereto.

PAVING ROADWAY

On Sections 3 and 4, and part of Section 2 of the seawall.

On June 30, 1885, a contract was made for paving with basalt blocks a roadway on Sections 3 and 4, and part of Section 2 of the seawall, 2,250 feet in length and 40 feet in width.

The contract prices were as follows: Stone paving, 16½ cents per square foot; granite curbing, 70 cents per linear foot; wooden curbing, 15 cents per linear foot; and drains at \$30 each.

There was put down and paid for:

89,310 square feet stone paving.....	\$14,736 15
2,242.25 feet granite curbing.....	1,569 58
2,304.75 feet wooden curbing.....	345 71
10 drains.....	300 00
Total	\$16,951 44

PRIVATE PROPERTY TAKEN FOR PUBLIC USE.

In building the seawall and thoroughfare it became necessary to use for such purpose a portion of the block bounded by Jackson, Drumm, Pacific, and East Streets, which portion belonged to Robert Dunsmuir, George Leviston, John A. Rosenbohm, and Alice A. Donzel.

An action to condemn the same was brought, and judgments and final orders of condemnation were rendered against all the above named owners.

The Board paid, on account thereof, the value of the land taken....	\$26,750 00
And for certificate of title, expert testimony, reporter's fees, jury's fees, and other costs	1,435 87
Making a total of	\$28,185 87

DREDGING.

During the last two fiscal years the number of cubic yards of material dredged was 1,359,600, at a cost of \$98,934 20, or seven and fifty-five one hundredths cents per cubic yard.

The amount of material dredged was in excess of that for the two fiscal years immediately preceding, and the cost per cubic yard was less.

Each year it is found necessary to dredge to a greater depth in the various slips, for the reason of the increasing size and draft of the vessels coming to this port.

The details of the work performed by this department are found in the annexed tabular statements.

WATERFRONT STREETS.

The Board expressed its views on this subject at some length in its last report. The portion of these streets which it is the Board's duty to main-

tain has been kept and is in excellent condition, while that portion that it is the duty of the City and County of San Francisco and the owners of the property abutting thereon to maintain, has been and is out of repair, and a considerable portion thereof is utterly impassable.

EXPIRATION OF LEASES.

By Act of Legislature approved August 4, 1870, the Board was authorized to lease for a period of fifteen years a portion of the waterfront to the Western Pacific Railroad Company. No lease was ever executed, but the company went into possession according to the terms of said Act, and they and their successors, the Central Pacific Railroad Company and Southern Pacific Company, continued in and held possession of said property for the period prescribed therein. As provided in the Act, the railroad companies erected a wharf thereon, and paid to the Board the same rate of tolls upon the merchandise and live stock passing over it as was collected by the Board on the other wharves under its jurisdiction.

On August 5, 1885, the fifteen years expired, and the Board reentered into possession of the property. Since that time the Board has made improvements on the property, consisting of a car ferry-slip, at a cost of \$28,934 67, an approach to the same, of stone and earth, 230 feet long with an average width of 63 feet, at a cost of \$10,824 78, and a cattle wharf, triangular in shape, 190 feet by 174 feet by 260 feet, at a cost of \$2,758.

The Southern Pacific Company have the exclusive use of these improvements, and they pay therefor the sum of \$1,600 per month.

In addition to this, the railroad company, as heretofore, pays to the Board tolls upon all merchandise and live stock passing over this wharf at the regular rates, which amounts to about \$3,300 per month.

On November 17, 1865, the Board leased to A. W. McPherson and others a portion of the waterfront, for the term of twenty years. This lease was, by consent of the Board, assigned to the Union Lumber Association, and subsequently to the Oregon Improvement Company, which last named company was in possession of the property at the expiration of the lease, November 17, 1885. Under the terms of this lease the lessees were required to construct the outer half, or seventy-five feet in width, of the streets bordering on the waterfront, and embraced within the lease, by piling, capping, and planking the same in the customary way, and to surrender the same to the Board at the expiration of the term of the lease.

This covenant was not fully complied with, but instead thereof the lessees utilized the space by constructing piers thereon.

The property was in this condition at the expiration of the lease, and the Board, believing that this was the proper way to use this property, and that it would be disadvantageous to the State if these structures were completed as provided for in the lease, because it would materially reduce the space for berths, proposed to the lessees that they would accept from them, in coin, the amount that they would be required to expend to comply with this covenant. This proposition was believed by the Board to be for the best interests of the State, and was accepted by the lessees, and the amount fixed upon, \$6,716, was subsequently paid by them to the Board.

RATES OF DOCKAGE AND TOLLS.

During the two fiscal years the Board made a marked reduction in the rates of tolls and dockage, amounting to about 20 per cent in dockage, and in some instances to 50 per cent in tolls, and entirely removed tolls on

wheat and flour shipped from this port. It also reduced the dockage on river steamers, to place them upon as favorable a footing with respect to dockage as ocean steamers.

Notwithstanding these reductions, which went into effect July 1, 1885, there has been no substantial falling off in the revenue.

This arises partly from the fact that there has been a material increase in the amounts received for the exclusive use of berths and special privileges, and from the reversion to the Board of property which had long been held under leases, and which now yields a much larger income.

MODE OF COLLECTING CHARGES ON GOODS.

The system of collecting the revenue has frequently been referred to in former reports.

In its last report the Board said:

That it should be condemned on account of the expense that is inseparable from it, does not admit of question. But the expense of this mode of collecting revenue is not the only objection to which it is obnoxious. If collectors should be disposed to act dishonestly no effective checks can be employed to prevent their embezzling the public funds; nor, if they should be guilty of peculations, would it be easy to detect them. And even if we could secure satisfactory guarantees that all collectors would be scrupulously honest in the discharge of their official duties, still they would be liable to make grave mistakes, through want of judgment in estimating quantities, whether by weight or measure, which would cause the law for the collection of revenue to operate unequally and consequently unjustly.

Entertaining these views, the Board prepared a bill changing the system. It was introduced into the Senate, but no action was taken thereon. During the two fiscal years—

There was collected for tolls.....	\$343,108 72
Deduct amount paid by R. R. Co.....	79,070 70
Amount collected by Collectors.....	\$264,038 02
The amount of salaries paid Collectors was.....	\$70,996 24

This shows that the cost of collecting the tolls, by Collectors, was 26 $\frac{8}{17}$ per cent of the amount collected.

GOVERNOR IRWIN.

On the sixteenth day of March, 1886, the honorable President of this Board, William Irwin, died. We bear witness to his indefatigable industry, his integrity, and his zeal in the discharge of his duties as President of the Board.

SECRETARY.

On the nineteenth day of April, 1886, J. C. L. Wadsworth resigned as Secretary of the Board, to take effect May first, and on the twenty-ninth day of April, 1886, George Tilghman was appointed his successor.

RECOMMENDATIONS.

The Board begs leave to respectfully submit the following recommendations:

The amount that the Board is allowed to expend monthly for urgent repairs upon the property and streets under its jurisdiction, without entering into contract, is but \$4,000. This amount is entirely inadequate.

Piles and planking need constant renewal, and the area of wharves and sheds is increasing. Since our former report we have added about 265,000 square feet to this area. The Board, therefore, recommend that the law be so changed that the amount which it can so expend be increased to not less than \$6,000 per month.

Under the Act of 1883, the Secretary is made "responsible for all moneys paid into the office." The amount so paid averages over \$40,000 per month, while the amount of his official bond is but \$20,000. The Board recommends the same be fixed at \$50,000, and that the official bond of the Assistant Secretary be increased from its present amount of \$10,000, to \$20,000.

The Board is now "authorized to assign berths and slips for the exclusive use of sea-going steamers, ferryboats, and steamboats," and charge for such exclusive use irrespective of their tonnage or the number of days the berth is occupied. It considers this a wise provision, but no reason exists why the power should be limited to sea-going steamers, ferryboats, and steamboats. It is therefore urged that the law be changed to confer like powers on the Board as respects sailing vessels and watercraft of every description.

It has already been stated that property equal in the aggregate to 30½ 50-vara lots has been created by the construction of the seawall on the line authorized by the Act of 1876. Under the existing law these lots are set apart and dedicated to public uses *as open spaces*, to be used in connection with the seawall and for the same purposes, and it is made the duty of the Board to put them in condition for such use.

It is difficult to maintain these lots as open spaces. Teams and people cross them in every direction, and they are made a dumping ground for the refuse matter of the city. The sand from those filled in is blown on to the seawall roadway, and this vast amount of valuable property thus becomes of no practical benefit to the people of the State.

The Board sees no good reason why they should remain as *open spaces*. It believes that it should have the power to inclose them, and to grant their use during the pleasure of the Board for the purpose of facilitating the commerce of the port.

Respectfully submitted.

FRANK McCOPPIN,
A. C. PAULSELL,
JOHN H. WISE,
Commissioners.

BOARD OF STATE HARBOR COMMISSIONERS' BIENNIAL REPORT.

Showing the Receipts and Disbursements for the Two Fiscal Years ending June 30, 1886.

Receipts.	1884-5.	1885-6.	Totals.
Section 1, seawall wharf	\$3,684 98	\$9,020 42	\$17,705 40
Section 2, seawall wharf	8,596 30	9,308 19	17,904 49
Section 3, seawall wharf	9,964 77	4,191 80	14,156 57
Section 4, seawall wharf	14,282 46	9,838 85	24,121 31
Fishermen's wharf	2,661 75	3,512 85	6,174 60
Union-Street wharf	6,685 56	9,605 10	16,290 66
Green-Street wharf	12,855 38	11,329 45	24,184 83
Vallejo-Street wharf	14,436 46	10,924 40	25,360 86
Broadway wharves Nos. 1 and 2	23,755 77	17,367 45	41,123 22
Pacific-Street wharf	26,195 45	17,122 90	43,318 35
Jackson-Street wharf	24,113 35	19,331 40	43,444 75
Washington-Street wharf	19,876 72	17,565 30	37,442 02
Ferries (Slips 1 to 8, inclusive)	88,796 75	81,598 80	170,395 55
Mission-Street wharf	21,626 30	15,531 00	37,157 30
Mission-Street wharf No. 2	19,871 63	17,897 50	37,769 13
Howard-Street wharf	15,637 71	13,486 00	29,123 71
Howard-Street wharf No. 2	15,096 22	12,610 05	27,706 27
Howard-Street wharf No. 3	13,507 97	12,977 75	26,485 72
Folsom-Street wharves Nos. 1 and 2	15,815 82	21,820 80	37,636 62
Harrison and Spear-Streets wharves	31,870 44	26,009 40	57,879 84
Main-Street wharf	13,886 42	12,307 30	26,193 72
Beale-Street wharf		12,352 73	12,352 73
Third and Berry-Streets wharves	10,720 20	17,491 19	28,211 39
Channel-Street wharf	4,541 85	3,585 10	8,106 95
Center-Street wharf	3,000 00	4,800 00	7,800 00
Pacific Mail Steamship Company	15,000 00	15,000 00	30,000 00
Merchants' Dry Dock	4,500 00	4,500 00	9,000 00
Southern Pacific Company (rent)	1,433 35	13,700 00	15,133 35
Southern Pacific Company (tolls)	38,692 94	40,377 76	79,070 70
Oregon Improvement Company	7,200 00	2,740 00	9,940 00
Oregon Improvement Company (in lieu of structures)		6,716 00	6,716 00
United States Barge Office	280 00	240 00	520 00
Second Street (Whitelaw)	70 00	155 00	225 00
Space for scales	861 00	966 00	1,827 00
Space for lumber	3,036 00	3,036 00	6,072 00
Seawall property account	35 00	770 00	805 00
Dredger No. 1 (received for dredging)	1,200 00	594 17	1,794 17
Dredger No. 1 (sale of old material)	43 05	20 00	63 05
Dredger No. 2 (received for dredging)	1,596 00	2,514 16	4,110 16
Tug "Gov. Irwin" (sale of old material)	22 00		22 00
Urgent repairs (sale of old material)	165 00	680 75	845 75
Urgent repairs (received from vessels—damages to wharves)	22 50	189 47	211 97
Expense account (sale of old horse)	25 00		25 00
Expense account (amount expended removing goods, returned)		26 00	26 00
Construction account (sale of old anchor)	40 00		40 00
Profit and loss (excess of cash over balance)		60 00	60 00
San Francisco Harbor Improvement Fund—amount drawn	\$500,702 10	\$483,851 04	\$984,553 14
	376,700 41	289,838 61	666,539 02
			\$1,651,092 16

RECEIPTS AND DISBURSEMENTS—Continued.

DISBURSEMENTS.	1884-5.	1885-6.	Totals.
Salaries of Commissioners and Secretaries	\$13,200 00	\$13,075 00	\$26,275 00
Salaries of Wharfingers, Collectors, and Watchmen	68,449 52	70,223 25	138,672 77
Salary of Attorney	2,400 00	2,400 00	4,800 00
Salaries of Chief Engineer, Assistant, and Draughtsman	6,667 46	6,600 00	13,267 46
Salaries of Chief Wharfinger and Assistant	4,800 00	4,800 00	9,600 00
Expense account (rent, printing, stationery, clerks in Secretary's office, keeping horses, etc.)	8,822 28	8,110 45	16,932 73
Urgent repairs	57,694 22	91,915 56	149,609 78
Construction account	190,082 53	103,972 35	294,054 88
Dredger No. 1	14,087 41	13,043 41	27,130 82
Dredger No. 2	14,716 10	14,290 15	29,006 25
Tug "Anasha"	9,346 01	8,235 35	17,581 36
Tug "Gov. Irwin"	14,109 28	11,106 49	25,215 77
Fire account	4,470 00	4,320 00	8,790 00
Cleaning wharves	10,049 50	10,948 65	20,998 15
Legal expense	13 00	99 30	112 30
Seawall account	187,231 89	89,636 83	276,868 72
Wharf offices and furniture	830 36	1,032 15	1,862 51
Harbormasters' expense account (notices to remove vessels in the stream)	165 50	123 50	289 00
Overpaid dockage returned	296 74	120 60	417 34
Overpaid tolls returned	44 45	30 00	74 45
Overpaid rent returned	62 50	13 80	76 30
Moving vessels	170 65	-----	170 65
Profit and loss (damages to vessels)	13 50	4 00	17 50
Lights at wharves	1,052 54	1,148 67	2,201 21
Profit and loss (amount paid J. S. Wilkins for damages to horse, as per Act of Legislature)	450 00	-----	450 00
Pile driving	-----	691 97	691 97
Seawall property account	8,400 06	40,206 12	48,606 18
Seawall account (condemnation of land and expense relating thereto)	75 00	28,110 87	28,185 87
San Francisco Harbor Improvement Fund—amount remitted	\$617,700 50	\$524,258 47	\$1,141,958 97
	259,702 01	249,431 18	509,133 19
			<u>\$1,651,092 16</u>

**STATEMENT OF THE AMOUNT PAID ON ACCOUNT OF CONSTRUCTION, FOR
THE TWO FISCAL YEARS ENDING JUNE 30, 1886.**

Date.	To WHOM PAID.	On Account of.	Amount.
1884.			
July 3.	E. O. Johnson	Services assisting Engineer	\$37 50
July 9.	Thos. Ryan	Services as laborer	75 00
July 11.	Chas. G. Shaefer	Paint	40 24
July 11.	P. J. Thomas	Printing specifications	22 50
July 14.	San Francisco Gaslight Co.	Coal tar	7 60
July 16.	Examiner Publishing Co.	Advertising for proposals	36 00
July 18.	Alta California Pub. Co.	Advertising for proposals	36 00
Aug. 13.	Geo. H. Rogers	Locating crossing	20 00
Aug. 13.	E. H. Kittredge & Co.	Windows	2 60
Aug. 21.	Alta California Pub. Co.	Advertising for proposals	116 50
Aug. 22.	P. J. Thomas	Printing specifications	55 00
Aug. 22.	Examiner Publishing Co.	Advertising for proposals	87 00
Aug. 25.	Daily Report	Advertising for proposals	48 00
Aug. 27.	E. O. Johnson	Services assisting Engineer	42 00
Aug. 27.	P. R. Thompson	Services assisting Engineer	48 00
Aug. 27.	James Gafney	Box sewer under Kearny Street, near seawall	320 55
Aug. 29.	Thos. Thomson	Moving fence	175 00
Aug. 30.	B. Donnelly	Services supervising construction	120 00
Sept. 4.	Thos. Ryan	Services as laborer	81 00
Sept. 5.	B. McMahon	Third and Berry-Streets wharves	13,052 63
Sept. 5.	B. McMahon	Third and Berry-Streets wharves	2,164 79
Sept. 12.	Thos. Thomson	Foot blocks for shed	60 00
Sept. 12.	Jas. D. Schuyler	Tearing up portion of Green-Street wharf	980 00
Sept. 15.	San Francisco Gaslight Co.	Coal tar	23 20
Sept. 15.	Examiner Publishing Co.	Advertising for proposals	33 00
Sept. 19.	V. P. Bovee	Services supervising construction	51 97
Sept. 19.	B. McMahon	Use of pile driver	30 00
Sept. 19.	David Finley	Slip at Section 4 seawall	60 00
Sept. 22.	P. J. Thomas	Printing specifications	10 00
Sept. 24.	A. E. Buckman	Sewer at foot of Powell Street	1,327 81
Sept. 25.	Thos. H. Day	Sheds near ferry slips 1 and 2	1,240 00
Sept. 25.	E. O. Johnson	Services assisting Engineer	37 50
Sept. 26.	B. Donnelly	Services supervising construction	120 00
Sept. 30.	P. J. Tannian	Services supervising construction	80 00
Sept. 30.	P. R. Thompson	Services assisting Engineer	66 00
Sept. 30.	Thos. Ryan	Services as laborer	121 50
Oct. 6.	Alta California Pub. Co.	Advertising for proposals	171 50
Oct. 6.	Examiner Publishing Co.	Advertising for proposals	122 50
Oct. 8.	Daily Report	Advertising for proposals	65 00
Oct. 9.	David Finley	Center-Street wharf	5,089 50
Oct. 10.	John Kelso	Embankment along Center Street	2,475 00
Oct. 10.	John Pierce	Hauling coal tar	2 00
Oct. 11.	C. L. Crisman	Sewer through seawall	875 00
Oct. 13.	Holbrook, Merrill & Stetson ..	Dipper	4 50
Oct. 15.	San Francisco Gaslight Co.	Coal tar	88 00
Oct. 23.	Alta California Pub. Co.	Advertising for proposals	93 00
Oct. 23.	Examiner Publishing Co.	Advertising for proposals	92 75
Oct. 23.	E. O. Johnson	Services assisting Engineer	43 50
Oct. 24.	B. McMahon	Third and Berry-Streets wharves	15,316 37
Oct. 28.	P. J. Thomas	Printing specifications	71 00
Oct. 28.	Jas. Gallup & Co.	Hardware	75
Oct. 29.	Thos. Ryan	Services as laborer	105 00
Oct. 30.	Payroll	Supervisors of construction	204 00
Oct. 31.	P. R. Thompson	Services assisting Engineer	63 00
Nov. 6.	John P. Sheldon	Connecting wharves along seawall	2,745 00
Nov. 12.	P. J. Thomas	Printing specifications	27 00
Nov. 12.	David Finley	Center-Street wharf	15,765 50
Nov. 12.	David Finley	Connecting Union Street and sea- wall wharves, etc.	8,697 00
Nov. 19.	P. J. Tannian	Services supervising construction	64 00
Nov. 25.	P. R. Thompson	Services assisting Engineer	67 50
		Amount carried forward	\$73,077 26

STATEMENT OF THE AMOUNT PAID ON ACCOUNT OF CONSTRUCTION—Continued.

Date.	To Whom PAID.	On Account of.	Amount.
1884.		Amount brought forward	\$73,077 26
Nov. 26.	W. L. Farrell	Mast for fender	26 00
Nov. 26.	P. H. Farnham & Co.	Two spars for fenders	45 00
Nov. 26.	John Kelso	Embankment along Center Street	3,525 00
Nov. 26.	Thos. Ryan	Services as laborer	105 00
Nov. 26.	B. McMahon	Third and Berry-Streets wharves	27,104 21
Nov. 26.	Thos. H. Day	Sheds near ferry slip No. 2	1,340 00
Nov. 28.	D. R. Coleman	Smithwork	4 35
Nov. 28.	T. P. H. Whitelaw	Chain for buoy	38 24
Nov. 28.	Dunham, Carrigan & Co.	Hardware	1 37
Nov. 28.	H. C. Tickner	Services supervising construction	128 00
Nov. 29.	Chas. H. Kungle	Services supervising construction	60 00
Nov. 29.	B. Donnelly	Services supervising construction	108 00
Nov. 29.	Renton, Holmes & Co.	Lumber	16 60
Dec. 10.	B. McMahon	Connecting Third Street and brick wharves	1,094 87
Dec. 11.	Thos. H. Day	Skylights, etc., at ferry slips	65 00
Dec. 13.	Castner & McLellan	Buoy	22 00
Dec. 13.	Geo. W. Watson	Reconstruction of ferry slips Nos. 3 and 4	5,150 25
Dec. 15.	Wm. Deacon	Fitting sounding pipe	75
Dec. 17.	S. F. Gaslight Co.	Coal tar	81 00
Dec. 26.	Renton, Holmes & Co.	Lumber	79 63
Dec. 29.	Wm. Deacon	Smithwork	72 75
Dec. 29.	Thompson Bros.	Cast-iron sinker	50 75
Dec. 29.	Holbrook, M. & Stetson	Tar boiler	87 00
Dec. 31.	H. C. Tickner	Services supervising construction	88 00
Dec. 31.	C. H. Kungle	Services supervising construction	40 00
Dec. 31.	Dunham, Carrigan & Co.	Hardware	2 10
1885.			
Jan. 6.	P. R. Thompson	Services assisting Engineer	84 00
Jan. 7.	Thos. Ryan	Services as laborer	90 00
Jan. 13.	Paraffine Paint Co.	Paraffine paint	4 50
Jan. 16.	David Finley	Connecting Green-Street wharf with seawall, etc.	800 00
Jan. 20.	Daily Report	Advertising for proposals	12 50
Jan. 21.	Alta California Pub. Co.	Advertising for proposals	17 50
Jan. 21.	Examiner Publishing Co.	Advertising for proposals	17 50
Jan. 23.	Sullivan & Ravekes	Stucco brush	1 50
Jan. 24.	W. L. Richardson	Connecting old Green-Street wharf and seawall	420 00
Jan. 29.	P. R. Thompson	Services assisting Engineer	24 00
Jan. 30.	Examiner Publishing Co.	Advertising for proposals	49 00
Jan. 30.	E. O. Johnson	Services assisting Engineer	30 00
Jan. 31.	F. H. Kellogg	Asphaltum pavement, ferry landing	378 35
Jan. 31.	Alta California Pub. Co.	Advertising for proposals	49 00
Jan. 31.	Chas. H. Kungle	Services supervising construction	60 00
Jan. 31.	H. Weber	Hauling	2 50
Jan. 31.	Thos. Ryan	Services as laborer	93 00
Feb. 6.	H. C. Tickner	Services supervising construction	96 00
Feb. 7.	Thos. H. Day	Two-story building	1,538 00
Feb. 10.	Thos. Thomson	Shed on Folsom-Street pier	3,702 60
Feb. 11.	Ætna Iron Works	Iron work	335 35
Feb. 11.	Geo. W. Watson	Reconstructing ferry slips 3 and 4	6,294 75
Feb. 14.	P. J. Thomas	Printing specifications	27 50
Feb. 14.	Thos. H. Day	Moving Wharfinger's office	30 00
Feb. 20.	Alta California Pub. Co.	Advertising for proposals	14 00
Feb. 25.	E. O. Johnson	Services assisting Engineer	29 00
Feb. 25.	Examiner Publishing Co.	Advertising for proposals	14 00
Mar. 4.	Thos. Ryan	Services as laborer	78 00
Mar. 5.	H. C. Tickner	Services supervising construction	108 00
Mar. 5.	C. H. Kungle	Services supervising construction	108 00
Mar. 6.	W. L. Richardson	Use of pile-driver	30 00
Mar. 6.	Jas. Alexander	Fuel for tar pot	11 00
Mar. 11.	S. Browell	Patent chimney	40 00
Mar. 11.	San Francisco Gaslight Co.	Coal tar	80 00
		Amount carried forward	\$127,082 68

STATEMENT OF THE AMOUNT PAID ON ACCOUNT OF CONSTRUCTION—Continued.

Date.	To WHOM PAID.	On Account of.	Amount.
1885.		Amount brought forward	\$127,082 68
Mar. 11.	P. R. Thompson	Services assisting Engineer	69 00
Mar. 11.	H. Weber	Hauling	10 50
Mar. 11.	Thos. Thomson	Shed on Folsom-Street pier	2,823 08
Mar. 11.	W. L. Richardson	Extension of work on contract for reconstructing ferry slips 3 and 4	1,123 12
Mar. 13.	Etna Iron Works	Iron work	77 10
Mar. 14.	B. McMahon	Fishermen's wharf and breakwater	19,300 00
Mar. 14.	P. J. Thomas	Printing specifications	27 50
Mar. 18.	Alta California Pub. Co.	Advertising for proposals	35 75
Mar. 23.	Examiner Publishing Co.	Advertising for proposals	35 75
Mar. 25.	E. O. Johnson	Services assisting Engineer	37 50
Mar. 25.	Thos. Thomson	Shed on Folsom-Street pier	2,444 32
Mar. 25.	M. Hodge	Hauling	3 00
Mar. 28.	P. R. Thompson	Services assisting Engineer	37 50
Mar. 31.	Alta California Pub. Co.	Advertising for proposals	10 00
Mar. 31.	Thomas Thomson	Shed on Folsom-Street pier	141 22
Mar. 31.	Thomas Thomson	Pier between Folsom and Harrison- Streets piers	5,635 50
Mar. 31.	F. H. Kellogg	Asphaltum pavement on seawall wharf	607 58
April 4.	G. B. De Ferrari	Lettering signs	15 00
April 4.	C. H. Kungle	Services supervising construction	8 00
April 6.	H. C. Tickner	Services supervising construction	68 00
April 6.	Thomas Ryan	Services as laborer	75 00
April 8.	C. L. Crisman	Bridge between Vallejo-Street wharf and seawall	165 00
April 13.	P. J. Thomas	Printing specifications	23 50
April 17.	Alta California Pub. Co.	Advertising for proposals	17 50
April 17.	S. F. Bridge Co.	Connecting Vallejo-Street wharf with seawall, etc.	962 00
April 18.	Examiner Publishing Co.	Advertising for proposals	27 50
April 25.	H. Weber	Hauling	9 00
April 27.	B. McMahon	Fishermen's dock and breakwater	2,682 77
April 27.	James Gallup & Co.	Hardware	8 71
April 28.	Thompson Brothers	Cast-iron sinker	49 00
April 28.	S. F. Gaslight Co.	Coal tar	40 00
April 29.	P. R. Thompson	Services assisting Engineer	30 00
April 30.	E. O. Johnson	Services assisting Engineer	30 00
April 30.	Thomas Ryan	Services as laborer	78 00
April 30.	Alta California Pub. Co.	Advertising for proposals	40 25
May 6.	Thomas Thomson	Pier between Folsom and Harrison- Streets piers	9,282 00
May 7.	H. C. Tickner	Services supervising construction	88 00
May 13.	C. L. Crisman	Steps off Section 4 seawall, etc.	319 56
May 15.	J. S. Tibbals	Sewer through Section 5 seawall	538 13
May 20.	Thomas Thomson	Sounding with pile-driver	60 00
May 22.	James Alexander	Fuel for tar pot	11 00
May 27.	P. R. Thomson	Services assisting Engineer	52 50
May 28.	Renton Coal Co.	Fuel for tar pot	10 50
May 28.	S. F. Gaslight Co.	Coal tar	40 00
May 28.	E. O. Johnson	Services assisting Engineer	28 50
May 29.	Thomas Thomson	Pier between Folsom and Harrison- Streets piers	7,182 50
May 29.	Charles H. Kungle	Services supervising construction	16 00
May 29.	M. J. Crowley	Services supervising construction	120 00
May 29.	H. C. Tickner	Services supervising construction	116 00
May 29.	Thomas Ryan	Services as laborer	75 00
May 29.	J. S. Tibbals	Sewer through Section 5 seawall	589 37
June 3.	C. L. Crisman	Office on Washington-Street wharf	130 00
June 3.	S. F. Bridge Co.	Removing sheds from Broadway wharf	1,200 00
June 3.	J. W. Donohue	Enlarging office on Jackson-Street wharf	71 00
June 13.	P. J. Thomas	Printing specifications	17 50
June 15.	Enterprise M. and B. Co.	Millwork	25 35
		Amount carried forward	\$183,803 24

STATEMENT OF THE AMOUNT PAID ON ACCOUNT OF CONSTRUCTION—Continued.

Date.	To WHOM PAID.	On Account of.	Amount.
1885.		Amount brought forward	\$183,803 24
June 15.	Alta California Pub. Co.	Advertising for proposals	37 50
June 17.	J. L. Zeigler	Moving fishermen's market	190 00
June 24.	David Finley	Pier between Broadway and Vallejo- Streets piers	5,679 36
June 24.	Thomas Thomson	Pier between Folsom and Harrison- Streets piers	692 44
June 26.	E. O. Johnson	Services assisting Engineer	34 50
June 26.	P. R. Thompson	Services assisting Engineer	42 00
June 27.	W. S. Phelps & Co.	Smithwork	70 62
June 29.	Renton Coal Company	Fuel for tar pot	9 50
June 29.	San Francisco Gaslight Co.	Coal tar	40 00
June 30.	Examiner Publishing Co.	Advertising for proposals	65 00
June 30.	Thomas Ryan	Services as laborer	87 00
June 30.	Payroll	Supervisors of construction	54 16
June 30.	F. H. Kellogg	Asphaltum pavement on seawall wharf	202 52
June 30.	H. C. Tickner	Services supervising construction	108 00
July 3.	San Francisco Bridge Co.	Approach to car ferry slip	553 98
July 6.	P. J. Thomas	Printing specifications	27 00
July 6.	Alta California Pub. Co.	Advertising for proposals	30 00
July 10.	Southern Pacific Company	Draughting for car ferry slip	109 38
July 16.	James Alexander	Fuel for tar pot	11 00
July 17.	Alta California Pub. Co.	Advertising for proposals	59 00
July 22.	Thomas Thomson	Towing piles	50 00
July 24.	David Finley	Pier between Broadway and Vallejo- Street piers	5,249 13
July 24.	A. G. Martin	Services assisting Engineer	30 75
July 25.	H. Weber	Hauling	3 00
July 25.	P. R. Thompson	Services assisting Engineer	48 75
July 28.	James Gallup & Co.	Hardware	20 80
July 28.	San Francisco Gaslight Co.	Coal tar	80 00
July 31.	E. O. Johnson	Services assisting Engineer	10 50
July 31.	T. E. Hoin	Services assisting Engineer	28 50
July 31.	Examiner Publishing Co.	Advertising for proposals	76 50
July 31.	J. W. Donohue	Apron, etc., at Washington-Street wharf	82 50
July 31.	P. J. Thomas	Printing specifications	17 50
July 31.	Payroll	Labor	75 00
July 31.	Payroll	Supervisors of construction	410 00
Aug. 5.	San Francisco Bridge Co.	Approach to car ferry slip	1,589 71
Aug. 13.	Alta California Pub. Co.	Advertising for proposals	17 50
Aug. 14.	Thomas M. Manning	Gas fixtures, etc., at fishermen's market	35 00
Aug. 14.	San Francisco Bridge Co.	Connecting wharves along seawall, etc.	1,808 60
Aug. 21.	San Francisco Bridge Co.	Connecting wharves along seawall, etc.	1,028 40
Aug. 21.	David Finley	Car ferry slip at foot of Second Street	5,536 56
Aug. 22.	James Gallup & Co.	Hardware	5 69
Aug. 27.	David Finley	Pier between Broadway and Vallejo- Street piers	5,163 08
Aug. 28.	Thomas Ryan	Services as laborer	78 00
Aug. 28.	San Francisco Gaslight Co.	Coal tar	83 00
Aug. 28.	P. F. Dundon	Smithwork	405 86
Aug. 28.	Renton Coal Company	Fuel for tar pot	21 00
Aug. 28.	A. G. Martin	Services assisting Engineer	60 00
Aug. 28.	P. R. Thompson	Services assisting Engineer	63 00
Aug. 28.	E. O. Johnson	Services assisting Engineer	35 25
Aug. 31.	Payroll	Supervisors of construction	426 00
Sept. 4.	San Francisco Bridge Co.	Approach to car ferry slip	1,766 49
Sept. 7.	J. W. McDonald	Paving seawall roadway	1,138 95
Sept. 11.	H. Weber	Hauling	11 50
Sept. 18.	California Wire Works	Steel rope	45 58
Sept. 25.	E. O. Johnson	Services assisting Engineer	31 50
Sept. 25.	A. G. Martin	Services assisting Engineer	60 00
		Amount carried forward	\$217,499 80

STATEMENT OF THE AMOUNT PAID ON ACCOUNT OF CONSTRUCTION—Continued.

Date.	To WHOM PAID.	On Account of.	Amount.
1885.		Amount brought forward	\$217,499 80
Sept. 26.	Philip Thompson	Services assisting Engineer	66 00
Sept. 26.	H. Weber	Hauling	10 50
Sept. 28.	David Finley	Car ferry slip, foot of Second Street	11,278 16
Sept. 28.	San Francisco Gaslight Co.	Coal tar	187 40
Sept. 28.	Alta California Pub. Co.	Advertising for proposals	17 50
Sept. 29.	Haslett & Bailey	Weighing rock	4 50
Sept. 30.	Payroll	Supervisors of construction	283 00
Oct. 3.	John Phillips	Services supervising construction	37 00
Oct. 3.	Payroll	Supervisors of construction	125 00
Oct. 7.	J. W. McDonald	Paving seawall roadway	5,643 00
Oct. 8.	San Francisco Bridge Co.	Approach to car ferry slip	942 62
Oct. 9.	David Finley	Pier between Broadway and Vallejo- Street piers	6,855 43
Oct. 9.	Thos. Thomson	Office and freight room on Folsom- Street pier	210 00
Oct. 14.	B. McMahon	Gates at wharves	325 00
Oct. 14.	J. W. McDonald	Sewer in Sansome Street	1,100 00
Oct. 21.	Examiner Publishing Co.	Advertising for proposals	17 50
Oct. 28.	San Francisco Gaslight Co.	Coal tar	8 00
Oct. 29.	H. Weber	Hauling	5 00
Oct. 30.	P. R. Thompson	Services assisting Engineer	64 50
Oct. 31.	E. O. Johnson	Services assisting Engineer	16 50
Oct. 31.	Payroll	Supervisors of construction	557 00
Nov. 5.	San Francisco Bridge Co.	Approach to car ferry slip	1,511 51
Nov. 5.	C. C. Myall	Services supervising construction	133 33
Nov. 5.	J. W. McDonald	Paving seawall roadway	10,169 49
Nov. 5.	C. L. Crisman	Shed on Broadway wharf No. 2	1,145 10
Nov. 10.	J. W. McDonald	Paving seawall roadway	24 00
Nov. 13.	Sullivan & Ravekes	Paint	30 00
Nov. 27.	E. O. Johnson	Services assisting Engineer	24 00
Nov. 27.	C. S. Tilton	Locating corner of Second and King Streets	15 00
Nov. 30.	San Francisco Gaslight Co.	Coal tar	40 00
Nov. 30.	Jas. Alexander	Fuel for tar pot	9 00
Nov. 30.	Payroll	Supervisors of construction	543 00
Dec. 2.	C. L. Crisman	Shed on Broadway wharf No. 2	3,721 58
Dec. 3.	P. R. Thompson	Services assisting Engineer	24 00
Dec. 14.	Alta California Pub. Co.	Advertising for proposals	33 00
Dec. 16.	San Francisco Bridge Co.	Approach to car ferry slip	4,460 47
Dec. 18.	David Finley	Car ferry slip at foot of Second Street	10,526 28
Dec. 23.	E. O. Johnson	Services assisting Engineer	9 75
Dec. 26.	P. J. Thomas	Printing specifications	31 50
Dec. 28.	Alta California Pub. Co.	Advertising for proposals	33 00
Dec. 28.	San Francisco Gaslight Co.	Coal tar	40 00
Dec. 29.	A. E. Butler	Services assisting Engineer	1 50
Dec. 30.	Jas. Alexander	Fuel for tar pot	10 00
Dec. 30.	P. R. Thompson	Services assisting Engineer	25 50
Dec. 31.	Payroll	Supervisors of construction	350 00
1886.			
Jan. 8.	Spring Valley Waterworks ..	Service connection	18 00
Jan. 13.	Pacific Rolling Mill Co.	Iron work	54 00
Jan. 13.	Examiner Publishing Co.	Advertising for proposals	78 00
Jan. 19.	Southern Pacific Co.	Labor and material at car ferry slip	4,678 37
Jan. 20.	San Francisco Bridge Co.	Cattle wharf, foot of Second Street	2,758 00
Jan. 28.	E. O. Johnson	Services assisting Engineer	30 00
Jan. 29.	David Finley	Car ferry slip, at foot of Second Street	933 55
Jan. 29.	David Finley	Car ferry slip, at foot of Second Street	660 12
Jan. 29.	P. R. Thompson	Services assisting Engineer	43 50
Jan. 30.	Payroll	Supervisors of construction	214 00
Feb. 15.	J. Wigmore	Lumber	12 25
Feb. 17.	San Francisco Bridge Co.	Connecting Broadway wharf and seawall	1,792 69
Feb. 27.	P. R. Thompson	Services assisting Engineer	30 00
Feb. 27.	Payroll	Supervisors of construction	91 00
Feb. 27.	C. L. Crisman	Shed on Broadway wharf No. 2	2,767 32
		Amount carried forward	\$292,325 22

STATEMENT OF THE AMOUNT PAID ON ACCOUNT OF CONSTRUCTION—Continued.

Date.	To Whom Paid.	On Account of.	Amount.
1886.		Amount brought forward	\$292,325 22
Mar. 5.	E. O. Johnson	Services assisting Engineer	21 00
Mar. 6.	P. J. Thomas	Printing specifications	10 00
Mar. 10.	Alta California Pub. Co.	Advertising for proposals	33 00
Mar. 10.	Examiner Publishing Co.	Advertising for proposals	39 00
Mar. 26.	E. O. Johnson	Services assisting Engineer	35 25
Mar. 26.	P. R. Thompson	Services assisting Engineer	51 00
Mar. 29.	A. Leitz & Co.	Repairs to surveying instruments	20 25
Mar. 29.	San Francisco Gaslight Co.	Coal tar	80 00
Mar. 31.	Payroll	Supervisors of construction	182 00
April 2.	San Francisco Bridge Co.	Connecting Broadway wharf and seawall	1,394 31
April 20.	Thos. Ryan	Services as laborer	30 00
April 26.	P. R. Thompson	Services assisting Engineer	9 00
April 28.	E. O. Johnson	Services assisting Engineer	20 00
April 29.	A. E. Butler	Services assisting Engineer	6 00
April 30.	Payroll	Supervisors of construction	125 00
May 13.	Alta California Pub. Co.	Advertising for proposals	18 00
May 15.	Examiner Publishing Co.	Advertising for proposals	18 00
May 19.	J. W. McDonald	Sewer in Broadway	1,777 47
May 26.	A. E. Butler	Services assisting Engineer	16 50
May 26.	Jason Springer & Co.	Lumber	234 43
May 27.	Elder & Dobbie	Plumbing	31 75
May 28.	C. G. Schaefer	Painting	60 00
June 4.	P. T. Gaffey	Services supervising construction	125 00
June 7.	J. W. McDonald	Opening trench through seawall	150 00
June 11.	G. & E. Snook	Plumbing	26 16
June 16.	Spring Valley Waterworks	Service connection	5 00
June 25.	W. H. Elliott	Inclosing lot	178 60
June 25.	E. O. Johnson	Services assisting Engineer	27 00
June 26.	A. E. Butler	Services assisting Engineer	18 75
June 29.	B. McMahon	Slips at Folsom-Street wharf	226 00
June 30.	T. Palmer	Boat hire	2 50
June 30.	Payroll	Supervisors of construction	185 00
		Deduct amount included in this statement expended for improving seawall lots	\$297,481 19
			3,426 31
			\$294,054 88

**STATEMENT OF THE SAN FRANCISCO HARBOR IMPROVEMENT FUND, FOR
THE TWO FISCAL YEARS ENDING JUNE 30, 1886.**

Dr.

1884.				
July 18.	To amount remitted by Commissioners for July	\$8,000 00		
Aug. 4.	To amount remitted by Commissioners for July	11,505 27		\$19,505 27
Aug. 18.	To amount remitted by Commissioners for August ...	\$10,000 00		
Sept. 3.	To amount remitted by Commissioners for August ...	11,793 81		21,793 81
Sept. 18.	To amount remitted by Commissioners for September.	\$10,000 00		
Oct. 3.	To amount remitted by Commissioners for September.	11,513 30		21,513 30
Oct. 20.	To amount remitted by Commissioners for October ...	\$10,000 00		
Nov. 5.	To amount remitted by Commissioners for October ...	11,168 91		21,168 91
Dec. 3.	To amount remitted by Commissioners for November.			24,630 29
1885.				
Jan. 5.	To amount remitted by Commissioners for December.			26,312 87
Feb. 4.	To amount remitted by Commissioners for January ..			21,993 08
Mar. 4.	To amount remitted by Commissioners for February ..			23,079 71
April 3.	To amount remitted by Commissioners for March			18,416 22
May 4.	To amount remitted by Commissioners for April			22,380 01
June 3.	To amount remitted by Commissioners for May			19,078 13
July 3.	To amount remitted by Commissioners for June			19,830 41
Aug. 4.	To amount remitted by Commissioners for July			17,154 09
Sept. 3.	To amount remitted by Commissioners for August			18,188 30
Oct. 3.	To amount remitted by Commissioners for September ..			22,311 91
Nov. 4.	To amount remitted by Commissioners for October			20,849 86
Dec. 3.	To amount remitted by Commissioners for November.			17,875 71
1886.				
Jan. 4.	To amount remitted by Commissioners for December.			26,412 25
Feb. 3.	To amount remitted by Commissioners for January ..			19,858 23
Mar. 3.	To amount remitted by Commissioners for February ..			27,630 15
April 3.	To amount remitted by Commissioners for March			15,984 06
May 4.	To amount remitted by Commissioners for April			19,131 89
June 3.	To amount remitted by Commissioners for May			22,029 74
July 3.	To amount remitted by Commissioners for June			22,004 99
	Total amount remitted			\$509,133 19
	Balance in San Francisco Harbor Improvement Fund, July 1, 1884.....			201,968 32
				\$711,101 51

STATEMENT OF THE SAN FRANCISCO HARBOR IMPROVEMENT FUND—Continued.

Cr.

Date.	Order.	No.	On Account of.	Amount.
1884.				
July 3.	Wm. D. English	377	Constructing seawall	\$6,700 90
Aug. 7.	Wm. D. English	378	Constructing seawall	13,128 44
Aug. 7.	John Kelso	379	Filling seawall lots	2,221 88
Aug. 21.	Moore & Smith	380	Furnishing lumber	714 91
Aug. 26.	C. L. Crisman	381	Planking Pacific-Street wharf	5,585 99
Sept. 4.	David Finley	382	Driving and pulling piles	600 00
Sept. 4.	B. McMahon	383	Third and Berry-Streets wharves	13,052 63
Sept. 4.	B. McMahon	384	Third and Berry-Streets wharves	2,164 79
Sept. 5.	Wm. D. English	385	Constructing seawall	14,469 08
Sept. 11.	Jas. D. Schuyler	386	Tearing up portion of Green-St. wharf	980 00
Sept. 23.	Thos. H. Day	387	Additional sheds nr. ferry slips 1 and 2	1,240 00
Sept. 23.	A. E. Buckman	388	Sewer in Powell Street	1,327 81
Oct. 4.	Wm. D. English	389	Constructing seawall	18,877 27
Oct. 7.	John Kelso	390	Filling seawall lots	1,036 88
Oct. 7.	John Kelso	391	Embankment along Center Street	2,475 00
Oct. 7.	David Finley	392	Center-Street wharf	5,089 50
Oct. 10.	David Finley	393	Driving and pulling piles	810 00
Oct. 10.	C. L. Crisman	394	Sewer	875 00
Oct. 23.	B. McMahon	395	Third and Berry-Streets wharves	15,316 37
Nov. 6.	John P. Sheldon	396	Connecting wharves along seawall, etc.	2,745 00
Nov. 11.	Wm. D. English	397	Constructing seawall	16,580 43
Nov. 11.	David Finley	398	Center-Street wharf	15,765 50
Nov. 11.	David Finley	399	Connecting wharves along seawall, etc.	8,697 00
Nov. 18.	Jas. D. Schuyler	400	Filling seawall lots	840 13
Nov. 25.	Thos. H. Day	401	Sheds near ferry slip No. 2	1,340 00
Nov. 25.	John Kelso	402	Embankment along Center Street	3,525 00
Nov. 25.	B. McMahon	403	Third and Berry-Streets wharves	27,104 21
Dec. 4.	Wm. D. English	404	Constructing seawall	19,410 56
Dec. 11.	John Kelso	405	Filling seawall lots	1,123 12
Dec. 11.	Geo. W. Watson	406	Reconstructing ferry slips 3 and 4	5,150 25
1885.				
Jan. 3.	Wm. D. English	407	Constructing seawall	9,893 68
Jan. 15.	David Finley	408	Connecting Green-Street wharf with seawall	800 00
Feb. 3.	Wm. D. English	409	Constructing seawall	9,457 15
Feb. 3.	Thos. H. Day	410	House at Third and Berry-Sts. wharves	1,538 00
Feb. 10.	Thos. Thomson	411	Shed on Folsom-Street pier	3,702 60
Feb. 10.	Geo. W. Watson	412	Reconstructing ferry slips 3 and 4	6,294 75
Feb. 24.	David Finley	413	Driving and pulling piles	3,392 75
Mar. 10.	Wm. D. English	414	Constructing seawall	9,661 18
Mar. 10.	W. L. Richardson	415	Reconstructing ferry slips 3 and 4	1,123 12
Mar. 10.	Thos. Thomson	416	Shed on Folsom-Street pier	2,823 08
Mar. 12.	John Kelso	417	Filling seawall lots	1,000 00
Mar. 12.	B. McMahon	418	Fishermen's wharf and breakwater	19,300 00
Mar. 17.	Wm. D. English	419	Constructing seawall	3,259 49
Mar. 24.	Thos. Thomson	420	Shed on Folsom-Street pier	2,444 32
Mar. 24.	F. H. Kellogg	421	Asphaltum on Sec. 5, seawall wharf	607 58
Mar. 26.	Thos. Thomson	422	Shed on Folsom-Street pier	141 22
Mar. 31.	Thos. Thomson	423	Folsom-Street pier No. 2	5,635 50
April 16.	S. F. Bridge Co.	424	Connecting wharves along seawall, etc.	962 00
April 23.	B. McMahon	425	Fishermen's wharf and breakwater	2,682 77
April 28.	B. McMahon	426	Driving piles	728 00
May 5.	Thos. Thomson	427	Folsom-Street pier No. 2	9,282 00
May 5.	S. F. Bridge Co.	428	Constructing seawall	5,103 02
May 7.	Knowlton Barrett	429	Repairing hoisting gear, etc., ferry slip No. 4	438 75
May 12.	Knowlton Barrett	430	Repairing hoisting gear, etc., ferry slip No. 4	196 25
May 12.	C. L. Crisman	431	Steps off Sec. 4, seawall, etc.	319 56
May 14.	J. S. Tibbals	432	Sewer through Sec. 5, seawall	538 13
May 29.	Thos. Thomson	433	Folsom-Street pier No. 2	7,182 50
May 29.	J. S. Tibbals	434	Sewer through Sec. 5, seawall	589 37
Amount carried forward				\$318,044 42

STATEMENT OF THE SAN FRANCISCO HARBOR IMPROVEMENT FUND—Continued.

Cr.

Date.	Order.	No.	On Account of.	Amount.
1885.			Amount brought forward.....	\$318,044 42
June 2.	S. F. Bridge Co.	435	Constructing seawall.....	6,293 74
June 2.	S. F. Bridge Co.	436	Removing sheds from Broadway wh'f.....	1,200 00
June 16.	J. L. Zeigler.....	437	Moving fishermen's market.....	190 00
June 16.	Wm. D. English.....	438	Constructing seawall.....	25,514 87
June 16.	Wm. D. English.....	439	Constructing seawall.....	5,828 60
June 16.	Wm. D. English.....	440	Constructing seawall.....	7,856 70
June 16.	Wm. D. English.....	441	Constructing seawall.....	3,480 58
June 23.	David Finley.....	442	Broadway pier No. 2.....	5,679 36
June 23.	B. McMahon.....	443	Driving and pulling piles.....	1,717 18
June 23.	Thos. Thomson.....	444	Folsom-Street pier No. 2.....	692 44
June 30.	F. H. Kellogg.....	445	Asphaltum on Sec. 5, seawall wharf.....	202 52
July 2.	C. L. Crisman.....	446	Repairing Harrison-Street shed.....	594 00
July 2.	S. F. Bridge Co.	447	Constructing seawall.....	7,848 31
July 2.	S. F. Bridge Co.	448	Approach to freight ferry slip.....	553 98
July 23.	David Finley.....	449	Broadway pier No. 2.....	5,249 13
July 30.	C. L. Crisman.....	450	Repairing fishermen's market.....	514 00
July 30.	B. McMahon.....	451	Driving piles.....	3,940 05
Aug. 4.	David Finley.....	452	Repairing slope of Secs. 1 and 2, seawall.....	516 00
Aug. 4.	S. F. Bridge Co.	453	Constructing seawall.....	7,843 34
Aug. 4.	S. F. Bridge Co.	454	Approach to freight ferry slip.....	1,589 71
Aug. 13.	S. F. Bridge Co.	455	Removing portion of Pacific-Street wharf, etc.....	1,808 60
Aug. 20.	David Finley.....	456	Freight ferry slip.....	5,536 56
Aug. 20.	S. F. Bridge Co.	457	Removing portion of Pacific-Street wharf, etc.....	1,028 40
Aug. 27.	David Finley.....	458	Broadway pier No. 2.....	5,163 08
Sept. 4.	S. F. Bridge Co.	459	Constructing seawall.....	13,614 47
Sept. 4.	S. F. Bridge Co.	460	Approach to freight ferry slip.....	1,766 49
Sept. 4.	J. W. McDonald.....	461	Paving seawall roadway.....	1,138 95
Sept. 4.	David Finley.....	462	Repairing slope of Secs. 1 and 2, seawall.....	659 32
Sept. 4.	David Finley.....	463	Filling seawall lots.....	137 36
Sept. 10.	J. J. Cummings.....	464	Filling seawall lots.....	841 80
Sept. 24.	David Finley.....	465	Freight ferry slip.....	11,278 16
Oct. 1.	S. F. Bridge Co.	466	Constructing seawall.....	8,104 80
Oct. 1.	David Finley.....	467	Repairing slope of Secs. 1 and 2, seawall.....	1,117 99
Oct. 6.	S. F. Bridge Co.	468	Approach to freight ferry slip.....	942 62
Oct. 6.	David Finley.....	469	Filling seawall lots.....	480 34
Oct. 6.	J. W. McDonald.....	470	Paving seawall roadway.....	5,643 00
Oct. 8.	David Finley.....	471	Broadway pier No. 2.....	6,855 43
Oct. 8.	Thos. Thomson.....	472	Office, etc., under Folsom-Street shed.....	210 00
Oct. 13.	B. McMahon.....	473	Gates at oil wharf and Third and Berry-Streets wharves.....	325 00
Oct. 13.	J. W. McDonald.....	474	Brick sewer in Sansome Street.....	1,100 00
Oct. 15.	S. F. Bridge Co.	475	Constructing seawall.....	3,051 29
Oct. 27.	B. McMahon.....	476	Driving piles.....	5,654 34
Oct. 29.	Connors & Winters.....	477	Filling seawall lots.....	160 00
Nov. 4.	S. F. Bridge Co.	478	Constructing seawall.....	8,913 36
Nov. 4.	S. F. Bridge Co.	479	Approach to freight ferry slip.....	1,511 51
Nov. 4.	C. L. Crisman.....	480	Shed on Broadway wharf No. 2.....	1,145 10
Nov. 4.	J. W. McDonald.....	481	Paving seawall roadway.....	10,169 49
Nov. 4.	C. A. Warren.....	482	Filling seawall lots.....	2,486 80
Nov. 4.	David Finley.....	483	Repairing slope of Secs. 1 and 2, seawall.....	1,057 66
Nov. 4.	David Finley.....	484	Filling seawall lot.....	803 25
Nov. 17.	David Finley.....	485	Driving piles.....	2,015 80
Dec. 1.	S. F. Bridge Co.	486	Constructing seawall.....	9,615 08
Dec. 1.	C. L. Crisman.....	487	Shed on Broadway wharf No. 2.....	3,721 58
Dec. 8.	David Finley.....	488	Driving piles.....	2,852 19
Dec. 15.	David Finley.....	489	Repairing slope of Secs. 1 and 2, seawall.....	75 53
Dec. 15.	Moore & Smith.....	490	Furnishing lumber.....	513 14
Dec. 15.	S. F. Bridge Co.	491	Approach to freight ferry slip.....	4,460 47
			Amount carried forward.....	\$530,807 89

STATEMENT OF THE SAN FRANCISCO HARBOR IMPROVEMENT FUND—Continued.

Cr.

Date.	Order.	No.	On Account of.	Amount.
1885.			Amount brought forward.....	\$530,807 89
Dec. 17.	David Finley	492	Freight ferry slip	10,526 28
Dec. 29.	Renton, Holmes & Co.	493	Furnishing lumber	1,672 39
1886.				
Jan. 5.	S. F. Bridge Co.	494	Constructing seawall.....	9,053 79
Jan. 5.	David Finley	495	Driving piles	2,491 70
Jan. 5.	W. L. Richardson.....	496	Repairing wharf between ferry slips 4 and 5.....	998 80
Jan. 7.	C. A. Warren	497	Filling seawall lots.....	2,161 15
Jan. 12.	S. M. Hills	498	Filling seawall lots.....	139 37
Jan. 14.	Southern Pacific Co.	499	Materials and labor keeping up tracks and slip at Second Street.....	4,678 37
Jan. 19.	Kearny & Brady.....	500	Filling seawall lots.....	84 30
Jan. 19.	Kearny & Gray	1	Filling seawall lots.....	62 40
Jan. 19.	S. F. Bridge Co.	2	Cattle wharf, foot of Second Street.....	2,758 00
Jan. 21.	Renton, Holmes & Co.	3	Furnishing lumber	1,023 06
Jan. 28.	David Finley	4	Freight ferry slip	933 55
Jan. 28.	David Finley	5	Freight ferry slip	660 12
Feb. 2.	S. F. Bridge Co.	6	Constructing seawall.....	7,684 74
Feb. 2.	C. A. Warren	7	Filling seawall lots.....	1,658 65
Feb. 2.	Kearny & Brady.....	8	Filling seawall lots.....	672 15
Feb. 2.	David Finley	9	Driving piles	4,366 95
Feb. 4.	David Finley	10	Filling seawall lots.....	511 95
Feb. 4.	David Finley	11	Repairing slope of Secs. 1 and 2, seawall.....	235 48
Feb. 11.	S. F. Bridge Co.	12	Filling seawall lots.....	2,999 81
Feb. 16.	S. F. Bridge Co.	13	Connecting Broadway wharf No. 1 with seawall wharf.....	1,792 69
Feb. 27.	C. L. Crisman.....	14	Shed on Broadway wharf No. 2	2,767 32
Feb. 27.	T. C. Coogan.....	15	Condemnation of land of Geo. Levis-ton for seawall.....	4,537 00
Mar. 2.	S. F. Bridge Co.	16	Constructing seawall.....	3,567 78
Mar. 2.	David Finley	17	Driving piles	4,485 41
Mar. 2.	David Finley	18	Repairing slope of Sections 1 and 2, seawall	473 71
Mar. 2.	C. A. Warren	19	Filling seawall lots.....	1,304 00
Mar. 2.	Kearny & Brady	20	Filling seawall lots.....	545 50
Mar. 5.	S. F. Bridge Co.	21	Filling seawall lots.....	4,431 30
Mar. 9.	John H. Rosenbohm.....	22	Condemnation of land for seawall	14,532 00
Mar. 9.	Robert Dunsmuir.....	23	Condemnation of land for seawall	7,434 00
Mar. 9.	Alice A. Donzel.....	24	Condemnation of land for seawall	357 00
April 1.	S. F. Bridge Co.	25	Connecting Broadway wharf No. 1 with seawall wharf.....	1,394 31
April 13.	S. F. Bridge Co.	26	Construction of seawall.....	4,870 91
April 13.	S. F. Bridge Co.	27	Filling seawall lots.....	7,561 95
April 20.	David Finley	28	Repairing slope of Sections 1 and 2, seawall	435 49
April 22.	David Finley	29	Driving piles	7,818 34
May 4.	S. F. Bridge Co.	30	Filling seawall lots.....	1,871 66
May 6.	S. F. Bridge Co.	31	Filling seawall lots.....	5,358 98
May 6.	S. F. Bridge Co.	32	Filling seawall lots.....	200 00
May 6.	David Finley	33	Repairing slope of Sections 1 and 2, seawall	327 25
May 18.	J. W. McDonald	34	Broadway sewer	1,777 47
June 1.	David Finley	35	Repairing slope of Sections 1 and 2, seawall	582 29
June 3.	David Finley	36	Filling seawall lots.....	153 30
June 10.	S. F. Bridge Co.	37	Driving piles	1,778 46
Balance in San Francisco Harbor Im-provement Fund.....				\$666,539 02
				44,562 49
				\$711,101 51

COMPARATIVE STATEMENT OF RECEIPTS AND DISBURSEMENTS.

FISCAL YEAR.	RECEIPTS.	EXPENSES.	Percentage per Year.	CONSTRUCTION AND REPAIRS.	Seawall.	DREDGING.	Purchase of Dredgers, Scows, and Repairs.	Miscellaneous.	Remitted State Treasurer.	Drawn from State Treasurer.
		Salaries Commis- sioners, Secretary, Clerk (and Law Fees), Wharfinger, Collectors, Fuel, Rent, Printing, Sta- tionery, etc.		Building Wharves, Bulkheads, Sheds, etc., and Repairs on the same.						
1863-4	\$117,848 28	\$25,354 84	21.50	\$67,599 82	\$3,607 00			\$676 25	\$71,897 39	\$47,680 02
1864-5	177,393 66	32,439 10	18.28	80,875 15					123,365 23	123,365 23
1865-6	183,716 80	35,531 42	19.02	19,065 42		\$44,106 50			133,023 96	47,568 50
1866-7	336,409 36	41,233 95	11.95	88,625 78	286 50	10,300 00		330 62	268,573 45	64,345 94
1867-8	294,304 28	56,531 92	18.87	82,791 27	250,991 97	41,021 00		561 18	217,528 06	354,121 12
1868-9	287,890 53	52,130 77	18.11	38,779 83	262,823 13	82,338 00			212,532 37	310,213 27
1869-70	252,649 56	64,684 40	25.37	35,545 04	165,892 68	80,100 00			180,623 37	272,670 93
1870-1	148,917 03	37,782 65	25.37	53,693 31		35,258 00			96,097 20	73,914 13
1871-2	195,081 14	61,006 70	31.28	28,146 62		53,944 40			105,877 82	63,944 40
1872-3	265,709 06	69,858 63	26.33	78,776 28		32,293 20			91,042 59	80,640 23
1873-4	373,541 72	77,938 05	20.85	104,175 98		42,478 56			166,150 23	188,769 62
1874-5	372,078 74	68,617 14	18.37	209,540 80	1,078 25	33,835 71			245,369 00	189,549 17
1875-6	448,087 25	65,976 57	17.73	162,000 25		40,802 70			249,450 44	146,716 69
1876-7	372,541 72	65,976 57	17.73	284,023 05		25,252 94			310,969 33	266,661 37
1877-8	446,516 82	84,326 72	18.88	112,628 95		38,214 40	15,354 45		285,521 50	162,712 80
1878-9	466,420 55	97,162 63	20.83	164,560 55	107,091 87	60,454 68	82,068 79		274,370 87	241,704 39
1879-80	427,687 56	100,667 57	23.53	141,022 14	309,652 90	51,675 28	3,948 84		240,414 91	419,429 27
1880-1	419,437 49	102,746 75	24.49	199,972 97	383,174 96	51,462 52	1,173 50		4,785 32	527,487 44
1881-2	455,005 64	104,255 15	22.91	86,102 58	92,804 98	48,743 45			4,320 00	131,140 42
1882-3	436,080 54	107,883 69	24.74	170,089 82	34,949 22	51,467 50	5,247 00		28,129 37	194,860 84
1883-4	501,243 25	115,231 30	22.98	173,997 19	76,461 63	60,780 40			6,863 55	186,586 00
1884-5	500,702 10	116,194 14	23.20	248,607 11	195,706 95	52,258 80			253,702 01	376,700 41
1885-6	483,851 04	117,693 22	24.32	197,612 03	157,953 82	46,675 40			240,431 18	289,838 61
Totals	\$7,780,802 87	\$1,703,456 16		\$2,837,131 94	\$2,049,081 09	\$933,453 44	\$145,587 58	\$87,530 17	\$4,684,941 54	\$4,640,379 05
Balance in Treasury										44,562 49
										\$4,684,941 54

NOTE.—May 1, 1872. Rates of dockage, tolls, wharfage, and rents, were reduced 50 per cent by Act of Legislature. On December 30, 1879, the rates on merchandises were reduced as follows, viz.: 12½ to 10 cents, 6½ to 5 cents, on lumber, from 10 to 5 cents per 1,000 feet; on coal, from 10 to 5 cents per ton; on wood, from 12½ to 5 cents per cord. On June 4, 1880, the dockage rates were changed so that instead of the day of arrival and day of departure being charged for as full days, the day was reckoned from the hour of arrival to the same hour on succeeding days. Salaries of Wharfingers and Collectors were increased 25 per cent by Act of Legislature, approved March 19, 1878. On July 1, 1885, the rates of tolls were very materially reduced, in some cases 50 per cent, and a reduction in dockage rates was made of about 20 per cent.

* This amount is less than that entered in the last report, \$19,087 89, which amount was erroneously entered in the books of John S. Gray, late Secretary, as remitted; in this table it is placed under the head of "Miscellaneous."

STATEMENT OF COST OF DREDGING.

FISCAL YEAR ENDING—	Salary of Employees.	Repairs.	Coal.	Ship Chan- nery and Water.	Miscellaneous, including Docking Dredges, Tugs, and Scaws.	Total.	No. Yards Dredged.	Worked No. Hours.	Cost per Cubic Yard. Cents.
June 30, 1875.....	\$11,663 97	\$10,362 99	\$8,639 00	\$1,386 64	\$1,301 25	\$32,835 71	303,429	2,348 1/2	10.76-100
June 30, 1876.....	11,932 98	7,639 43	8,224 04	1,660 85	1,905 74	31,363 19	342,638	2,634	9.15-100
June 30, 1877.....	11,980 99	4,041 44	5,971 71	1,562 10	1,676 79	25,253 03	280,197	2,478 1/2	9.1-100
June 30, 1878.....	17,188 80	7,372 48	7,754 86	2,666 37	3,032 55	38,214 40	423,654	3,080	9.2-100
June 30, 1879.....	26,201 70	14,963 90	11,755 12	5,443 70	1,289 60	60,454 68	843,879	4,694	7.16-100
June 30, 1880.....	27,202 59	8,824 19	11,115 11	4,184 65	318 75	51,645 23	749,011	4,323	6.89-100
June 30, 1881.....	25,948 49	10,196 63	11,037 15	4,194 44	85 81	51,462 52	732,919	3,962 1/2	7.2-100
June 30, 1882.....	25,860 00	9,566 57	8,925 33	4,101 10	300 45	48,743 45	639,570	3,639 1/2	7.62-100
June 30, 1883.....	25,860 01	12,152 06	9,063 05	3,800 58	551 80	51,457 50	635,322	3,776 1/2	8.13-100
June 30, 1884.....	26,358 00	20,906 35	9,838 60	3,627 45	50 00	60,780 40	643,100	3,663 1/2	9.45-100
June 30, 1885.....	26,896 24	11,610 58	10,074 34	3,657 64	20 00	52,258 80	680,700	3,652 1/2	7.68-100
June 30, 1886.....	26,634 65	6,233 18	9,886 55	3,641 02	20 00	46,675 40	678,900	3,758 1/2	6.87-100

BALANCE SHEET.

From November 4, 1863, to June 30, 1886.

RECEIPTS.		
From dockage, tolls, wharfage, rents, etc.		\$7,780,802 87
DISBURSEMENTS.		
Salaries of Commissioners, Secretaries, Engineers, Attorneys, Wharfingers, and Collectors, law fees, fuel, rent, stationery, etc.	\$1,703,456 16	
Constructing and repairing wharves, sheds, etc.	2,837,131 94	
Seawall (construction of)	2,049,081 09	
Purchase of and constructing dredgers, tugs, and scows	145,587 58	
Dredging (cost of)	933,453 44	
Payroll (crew of fireboat)	26,195 99	
Suspense account (defalcations of John S. Gray)	23,308 10	
Miscellaneous (loss of merchandise by breaking down of wharves, and damages to vessels and other property)	18,026 08	
Cash in the treasury	44,562 49	
		<u>7,780,802 87</u>
<i>Dr.</i> CASH.		
To amount remitted to the State Treasurer		\$4,684,941 54
<i>Cr.</i> CASH.		
By amount drawn from State Treasurer	\$4,640,379 05	
By cash on hand in the treasury	44,562 49	
		<u>4,684,941 54</u>

REPORT OF T. C. COOGAN, ATTORNEY.

To the Honorable Board of State Harbor Commissioners of the State of California:

GENTLEMEN: I herewith present my report as Attorney of your honorable Board, showing what has transpired in relation to litigation in my charge during the two fiscal years ending June 30, 1886:

ACTIONS PENDING AT THE DATE OF LAST REPORT.

The Pacific Transfer Company v. William Blanding et al. In Superior Court, Department No. 6, No. 23360.

Action to recover money paid under protest by plaintiffs to defendants for wharfage. 1879, October 24, complaint filed. 1883, December 23, answer of William Blanding and A. M. Burns filed. 1881, January 10, answer of Bruce Lee filed. Ready for trial on behalf of defendants.

The People of the State of California v. Turner, Kennedy & Shaw. No. 28969, in Justice's Court.

Action to recover tolls and wharfage on Channel Street. 1877, February 15, complaint filed and issue joined. February 24, defendants moved that cause be transferred to the late Twelfth District Court. Motion granted, but defendants have not yet paid costs, and papers have not been filed in said District Court, or in its successor, the Superior Court.

The People of the State of California v. Turner, Kennedy & Shaw. No. 30557, in Justice's Court.

Action to recover tolls and wharfage on Channel Street. This action is in the same condition as the one last above named, and is against the same defendants.

William Blanding et al. v. The Barkentine Victor. No. 2345, in United States District Court.

A libel for dockage in China Basin. Pending and awaiting hearing.

Samuel Soule et al. v. Benjamin Holliday, Jr.

Action to recover \$395 87 for dockage and tolls. On January 16, 1884, judgment was rendered in favor of plaintiffs for \$395 87, with interest thereon from April 11, 1874, and costs, \$11 50. This judgment remains unsatisfied.

The People of the State of California v. Thomas R. Huson et al. No. 7207, in Supreme Court.

Action to recover \$1,045 10 for deficiency in account of Huson as Wharfinger. 1878, May 6, complaint filed. August 15, answer filed. September 24, judgment for defendants. November 10, plaintiffs moved for a new trial, which was on May 5, 1880, denied, and on May 21, 1880, plaintiffs appealed to the Supreme Court. Pending the appeal one of the defendants, E. J. Lewis, died in Tehama County. No administration has ever been taken out on his estate.

William Blanding v. Smith & Smith et al. In Superior Court, Department No. 4, No. 22545.

Action to recover \$1,000, for breach of a bond guaranteeing a performance of an asphaltum contract.

1878, September 28, complaint filed. Since the date of last report, the following proceedings have been had: 1884, November 20, action tried as to the defendant, Ira P. Rankin, and submitted on briefs. December 11, defendant's brief received. December 20, plaintiffs' brief served. 1885, January 3, defendant's reply brief received. February 27, decision in favor of defendant, Ira P. Rankin. March 23, notice of decision received. The defendants, Smith & Smith, are fictitious persons, and the action is now ready for trial as to the defendant, R. H. Savory.

C. A. Hooper et al. v. F. P. Swett. In Superior Court, Department No. 4, No. 6618.

Action to restrain defendant from building a wharf on Channel Street, under a contract with the Board.

Since the date of the last report, this action was restored to the calendar, for trial. On the day fixed for the trial, it was dismissed on motion of plaintiffs, made in open Court.

The People of the State of California v. Potrero and Bay View Railroad Company. No. 8950, in Supreme Court.

Action to declare certain piles and a bridge, built by the defendant, in and over Islais Creek, a nuisance, and to have the same abated.

Action commenced January 14, 1880, and tried in December, 1881, and decided in favor of the plaintiffs. On January 20, 1882, a motion for a new trial was made therein and denied, and on April 10, 1883, the defend-

ant appealed to the Supreme Court, and the action was there pending at the date of the last report. Since which, the following proceedings were had: 1885, February 13, defendant's points and authorities received. February 21, plaintiffs' points and authorities served and filed. February 26, argued orally. March 13, plaintiffs' brief served and filed. June 24, judgment and order reversed, and cause remanded.

The People ex rel. John Hackett v. William Blanding et al. In Supreme Court.

Action to restrain the Board from carrying on certain dredging operations.

1881, April 23, complaint filed and restraining order issued. A motion was made to set aside this order, which was granted, and from the order granting the same an appeal was taken to the Supreme Court by plaintiffs, and the appeal was dismissed by the Supreme Court on February 15, 1885.

The People of the State of California v. Robert G. Byrbee et al. No. 6251, in Superior Court, Department No. 8.

Action to recover \$460 78, for deficiency in accounts of West Evans as Wharfinger.

1882, February 10, complaint filed. This action is now at issue, and is ready for trial on the part of plaintiffs.

Thomas Curtin v. William Irwin, John H. Wise, and A. C. Paulsell, constituting the Board of State Harbor Commissioners. No. 1675, in Superior Court, Department No. 7.

1884, March 10, complaint filed in Justice's Court and decision in favor of plaintiff. Defendants appealed to the Superior Court, and judgment was there rendered in favor of defendants. The case stood in this condition at the date of last report. Since then the following proceedings were had: 1884, July 19, notice of intention to move for a new trial received. October 10, motion argued orally and submitted on briefs. November 14, plaintiff's brief received. November 18, defendant's brief served and filed. December 5, plaintiff's brief in reply received. December 19, motion for new trial denied.

The People ex rel. The Board of State Harbor Commissioners v. Louis Cohn, M. Esberg, Joseph Naphthaly, William Bryan, and G. Raisch. No. 10860, in Superior Court, Department No. 4.

Action to recover upon the official bond of Louis Cohn for deficiency in his accounts as Wharfinger, to the amount of \$4,344 75.

1883, October 10, complaint filed. Since the date of the last report the following proceedings were had: 1884, August 1, demurrer to defendant Bryan's answer and motion to strike out parts of the same argued and sub-

mitted. August 12, brief of defendant Bryan on his motion received. August 22, demurrer overruled and motion to strike out granted. 1885, September 10, action transferred to Department No. 7 for trial, and action was there tried on October 14, 19, and 20. October 30, judgment ordered in favor of defendants. November 20, Findings filed. November 25, notice of decision and cost bill received.

John S. Wilkins v. John H. Wise, A. C. Paulsell, and William Irwin, as the Board of State Harbor Commissioners. No. 23935, Justice's Court. In Superior Court, Department No. 8.

Action to recover damages to plaintiff's horse, alleged to have been injured by falling through a wharf on waterfront in November, 1881.

The action was brought in the Justice's Court November 12, 1883, and after trial had, judgment was in favor of the defendants. Plaintiff appealed to the Superior Court, and the action was there pending at date of last report, and on March 4, 1885, the action was dismissed in open Court.

The People ex rel. Board of State Harbor Commissioners v. Thomas F. Quirk, J. C. Green, and Donald McLennan. No. 10491, in Superior Court, Department No. 3.

Action to recover from Thomas F. Quirk \$14,149 81, for deficiency in his accounts as Wharfinger, and \$5,000 each from J. C. Green and Donald McLennan as sureties on his official bond.

1883, August 22, complaint filed. This action is at issue as to the defendant J. C. Green. The defendant Donald McLennan died since issue was joined as to him, and no administration has as yet been taken out upon his estate.

The People ex rel. Board of State Harbor Commissioners v. Josiah F. Fairfield, Charles J. Hendry, and W. S. Ray. No. 10938, in Superior Court, Department No. 2.

Action to recover \$12,672 25 from Josiah F. Fairfield for deficiencies in his accounts as Wharfinger, and \$5,000 each from C. J. Hendry and W. S. Ray, as sureties on his official bond.

1883, October 19, complaint filed. Since date of last report the following proceedings were had: September 5, 1884, motion to strike out portions of answer of Hendry and Ray granted, and demurrer to same sustained. September tenth, notice given. October 30, 1885, answer of defendant Fairfield received. Action now ready for trial on part of plaintiffs.

The People ex rel. Board of State Harbor Commissioners v. H. M. La Rue and A. S. Greenlaw. No. 10996, in Superior Court, Department No. 4.

Action to recover \$5,000 each from H. M. La Rue and A. S. Greenlaw, as sureties upon official bond of William Haynie, late Wharfinger, for deficiency in his accounts.

1883, October 26, complaint filed. Since date of the last report the appeal of the defendants to the Supreme Court from the order of the Superior Court, refusing to grant their motion for a change of place of trial to Sacramento County, has been argued and decided in favor of the Board.

The three actions last above named are on the official bonds of the former Wharfingers—Quirk, Fairfield, and Haynie; and an action is now pending in the Superior Court, brought by Hon. E. C. Marshall, Attorney-General of the State, against the late Harbor Commissioners, William Blanding and W. A. Phillips, and the administrator of the estate of George S. Evans, deceased, and the sureties upon their official bonds, to recover for the same deficiencies as are referred to in the complaints in the three actions last above named.

CONDITION AND DISPOSITION OF ACTIONS COMMENCED SINCE THE DATE OF
LAST REPORT.

The People of the State of California ex rel. William Irwin et al. v. J. S. Reno. No. 30469, in Justice's Court.

Action to recover \$6 95 for tolls on the Folsom-Street wharf.

1885, April 28, complaint filed; summons issued. April 29, summons served. May 4, defendant paid claim in full, and on the same day I paid the money over to the Secretary of the Board and dismissed the action.

The People of the State of California ex rel. William Irwin et al. v. Robert Dunsmuir et al. No. 14984, Superior Court, Departments Nos. 8 and 2.

Action brought to condemn certain lands for purposes of the seawall and thoroughfare.

1885, May 1, complaint filed, and the proceedings as to each defendant was on their motion carried on separately.

George Leviston.

1885, May 16, defendant appeared. May 31, motion to strike out parts of complaint received. August 3, demurrer received. August 7, motion to strike out denied; demurrer submitted. August 10, brief on demurrer served. August 31, demurrer overruled. September 1, notice of overruling demurrer and denial of motion to strike out served and filed. September 16, answer received. September 19, motion to strike out parts of answer served. September 21, demurrer to first defense served. September 25, motion to strike out granted in part; demurrer overruled. October 2, amended answer received; jury trial demanded; action transferred to Department No. 2. November 2, 3, 4, action tried before jury upon special issues; verdict for plaintiffs upon all the special issues, and the value of the land condemned determined to be \$4,500; no damages or benefits to be assessed. October 13, notice of intention to move for a new trial received.

December 4, findings filed and notice given. December 10, order to show cause why judgment should not be entered received. December 14, order extending time to prepare and serve bill of exceptions and statement received. December 18, order as to entering judgment discharged. December 21, bill of exceptions received.

1886, January 7, first bill of exceptions served; proposed amendments served. January 14, notice of non-acceptance of amendments, and fixing time of settlement received. February 12, judgment for the plaintiffs, condemning defendant's land, and that plaintiffs pay to defendant the value thereof, adjudged to be \$4,500, and his costs, amounting to \$37, and that no damages or benefits be assessed. February 19, judgment entered. February 20, notice of appeal to the Supreme Court received, and undertaking filed. March 2, paid \$4,537 into Court for defendant, and the Court ordered the same to be deposited in the State Treasury at Sacramento. March 4, money deposited in State Treasury. March 11, order that State Treasurer pay money deposited to County Clerk of San Francisco; final order of condemnation made. March 13, certified copy of final order of condemnation recorded in County Recorder's office. March 16, order that State Treasurer pay moneys deposited to T. C. Coogan, he to deposit the same with County Clerk of San Francisco, and order of March 11 set aside. March 18, money, \$4,537, deposited by T. C. Coogan with County Clerk. March 20, notice of final order of condemnation served. March 23, money deposited with Clerk paid to defendant, he having filed abandonment of defenses, as provided in Section 1254 of the Code of Civil Procedure of the State of California, and filed stipulation, giving plaintiffs possession. April 5, motion for new trial and appeal dismissed.

Robert Dunsmuir.

1885, May 16, defendant appeared. July 21, demurrer received. July 31, demurrer submitted. August 31, demurrer overruled. September 7, answer received. October 2, jury trial waived; action transferred to Department No. 2. December 17, trial commenced. Continued on December 21, 22, 23, and submitted. 1886, January 13, judgment ordered for plaintiffs condemning defendant's land, and that plaintiffs pay to defendant the value thereof, adjudged to be \$7,400, and his costs, amounting to \$34, and that no damages or benefits be assessed. February 9, findings filed. February 10, notice of decision served and filed. February 15, judgment signed. February 19, judgment entered and notice given. March 11, final order of condemnation made. March 13, certified copy recorded in County Recorder's office. March 20, notice of final order served and possession taken by plaintiffs.

John H. Rosenbohm.

1885, May 5, summons served. May 14, appearance of Jarboe, Harrison & Goodfellow, as attorneys. August 13, answer received. October 2, jury waived; action transferred to Department No. 2. December 17, trial commenced and continued on December 21, 22, 23, and submitted. 1886, January 13, judgment ordered for plaintiffs condemning defendant's land, and that plaintiffs pay to defendant the value thereof, adjudged to be \$14,500,

and his costs, amounting to \$32, and that no damages or benefits be assessed. February 9, findings filed. February 10, notice of decision served and filed. February 15, judgment signed. February 20, notice of entry of judgment served and filed. March 24, final order of condemnation made, certified copy recorded with County Recorder, and notice thereof served, and possession given to plaintiffs.

Alice A. Donzel and Henry Vollmer.

1885, May 16, appearance of Stanley, Stoney, and Hayes as attorneys received. August 12, answer received. October 2, jury waived and action transferred to Department No. 2. 1886, January 4, action partially tried, and continued to January 7. January 7, trial finished and action submitted. January 13, judgment ordered for plaintiffs against Alice A. Donzel, condemning defendant's land, and that plaintiff pay to defendant the value thereof, adjudged to be \$350, and her costs, amounting to \$7, and that no damages or benefits be assessed. February 9, findings filed. February 10, notice of decision served and filed. February 15, judgment signed. February 20, notice of entry of judgment served and filed. March 11, final order of condemnation made. March 13, certified copy thereof recorded in County Recorder's office and possession given to plaintiffs. And it was further adjudged that the defendants, Alice A. Donzell as executrix, Henry Vollmer, and C. G. Kenerleber had no interest whatever in the land condemned.

The People of the State of California v. John Phillips. In Police Court. Charge of battery.

1885, March 9, defendant arrested. March 10, continued to March 17. March 17, defendant demanded jury trial, and case continued to June 25. June 25, case dismissed.

People of the State of California ex rel. William Irwin et al. v. George W. Prescott et al. No. 15603, in Superior Court, Department No. 3.

Action of ejectment brought to recover possession of lot of land bounded by Francisco, Kearny, Bay, and Montgomery Streets, if produced.

1885, July 27, complaint filed and summons issued. There are a large number of defendants, part of whom are non-residents. Personal service has been had upon the resident defendants, and J. P. Hoge, Esq., has been appointed guardian ad litem of the minor defendants. October 20, affidavits of William Irwin and Ben. T. Rawlins for order of publication of summons filed and order made. October 21, first publication of summons occurred and summons mailed to each non-resident defendant.

1886, January 11, proof of publication and mailing summons filed. January 21, answer of certain defendants received. February 1, answer of certain defendants received. April 10, summons served upon William A. Plunkett, as administrator, and admission of service and appearance received. April 16, answer of administrator received. Action is now at issue.

The People of the State of California ex rel. William Irwin et al. v. John C. Merrill, as Executor of the last will of Martha B. Harris, deceased. No. 15708, in Superior Court, Department No. 4.

Action brought to recover \$312, dockage due from bark D. C. Murray, and penalties.

1885, August 10, complaint filed and summons issued. August 13, summons served. August 27, answer received. August 28, notice of motion, to strike out certain parts of answer, served. September 4, motion to strike out granted. September 14, amended answer received. October 23, motion for judgment on the pleadings submitted. October 27, brief of defendants received. November 7, brief of plaintiffs in reply served. November 13, judgment for plaintiffs, for \$321, legal interest and costs. November 14, notice of judgment served. November 18, notice of entry of judgment given and cost bill served. 1886, February 17, transcript of judgment filed in the matter of the estate of Martha B. Harris, deceased.

Antone Starr v. J. J. Cummings. No. 32287, in Justice's Court.

1885, September 19, writ of attachment served upon Board.

James Brady v. Joseph Docking, and James Cummings, partners under the firm name and style of Docking & Cummings. No. 32312, in Justice's Court.

1885, September 22, writ of attachment served upon Board. 1886, May 18, order to show cause served upon Board, under Section 717, of the Code of Civil Procedure, and the Board filed an answer thereto. June 11, hearing had and submitted. June 26, brief on behalf of Board filed.

R. Leishman v. J. Docking and J. J. Cummings, partners doing business under the firm name and style of Docking & Cummings. No. 16030, in Superior Court, Department No. 6.

1885, writ of attachment served upon Board.

John Rowen v. C. L. Crisman. No. 34557, in Justice's Court.

1886, March 24, writ of attachment served upon Board. April 6, writ dismissed.

A. D. Moore v. David Finley. In Superior Court.

1886, April 2, writ of attachment served upon Board. April 6, writ dismissed.

The People of the State of California ex rel. William Irwin et al. v. Carl Hansen. No. 35259, in Justice's Court.

Action to recover for tolls for use of Third and Berry-Streets Wharf.

1886, May 15, complaint filed, summons issued and served, claim paid in full. On same day I paid the money over to the Secretary of the Board and dismissed the action.

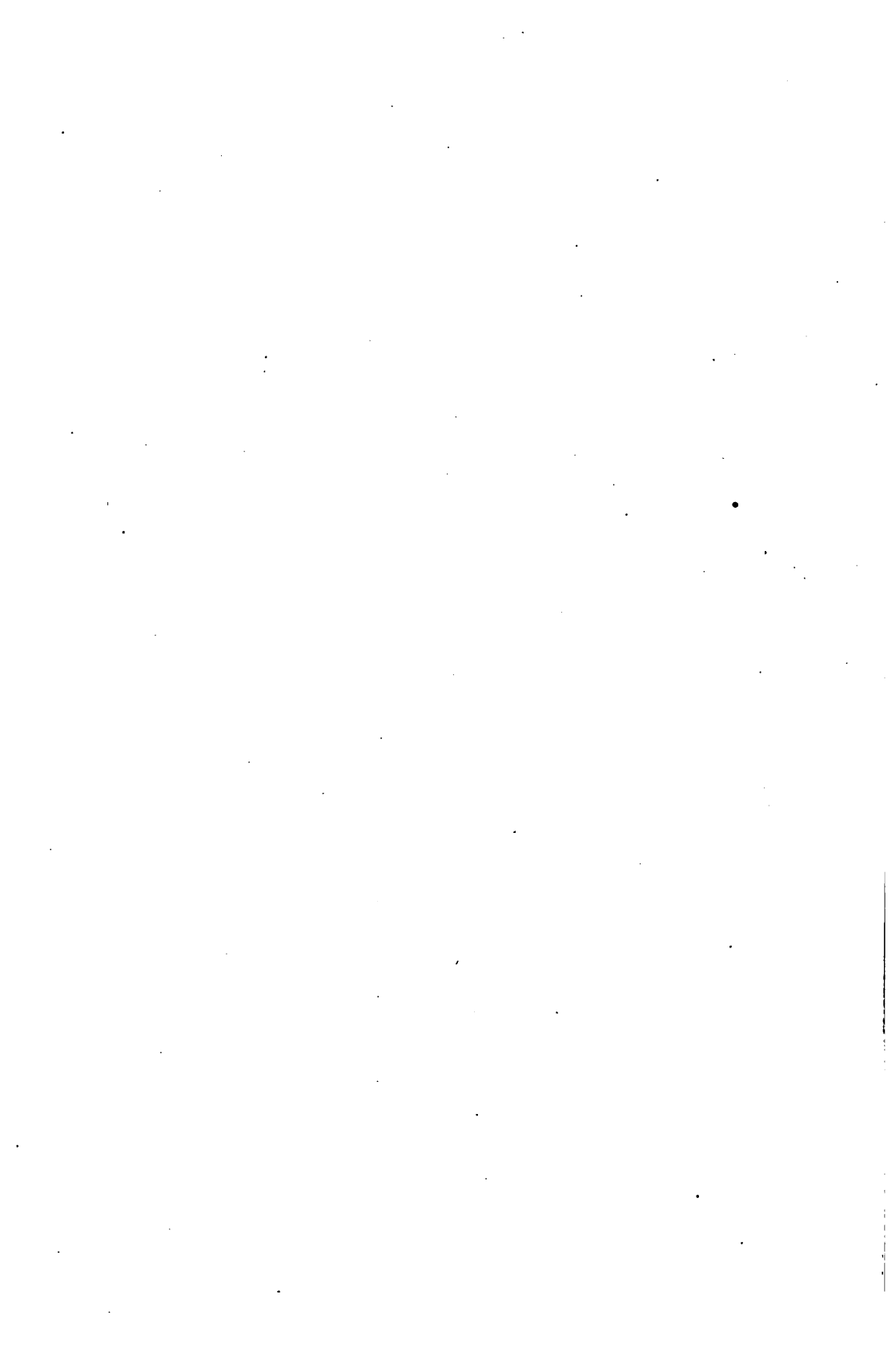
RECAPITULATION.

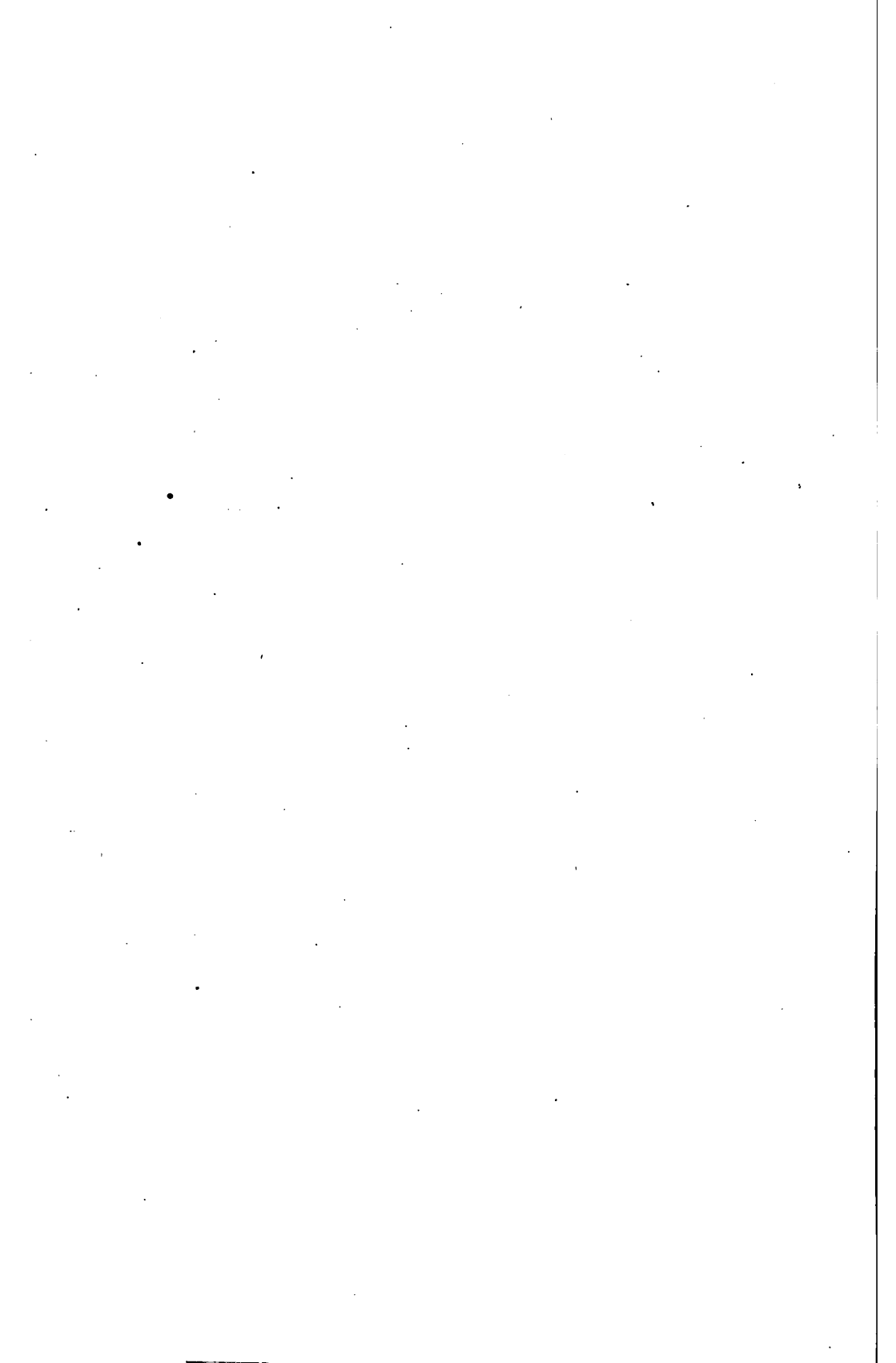
Number of actions pending in which the Board is plaintiff.....	13
Number of actions pending in which the Board is defendant.....	5
Total number of actions pending.....	18

Respectfully submitted.

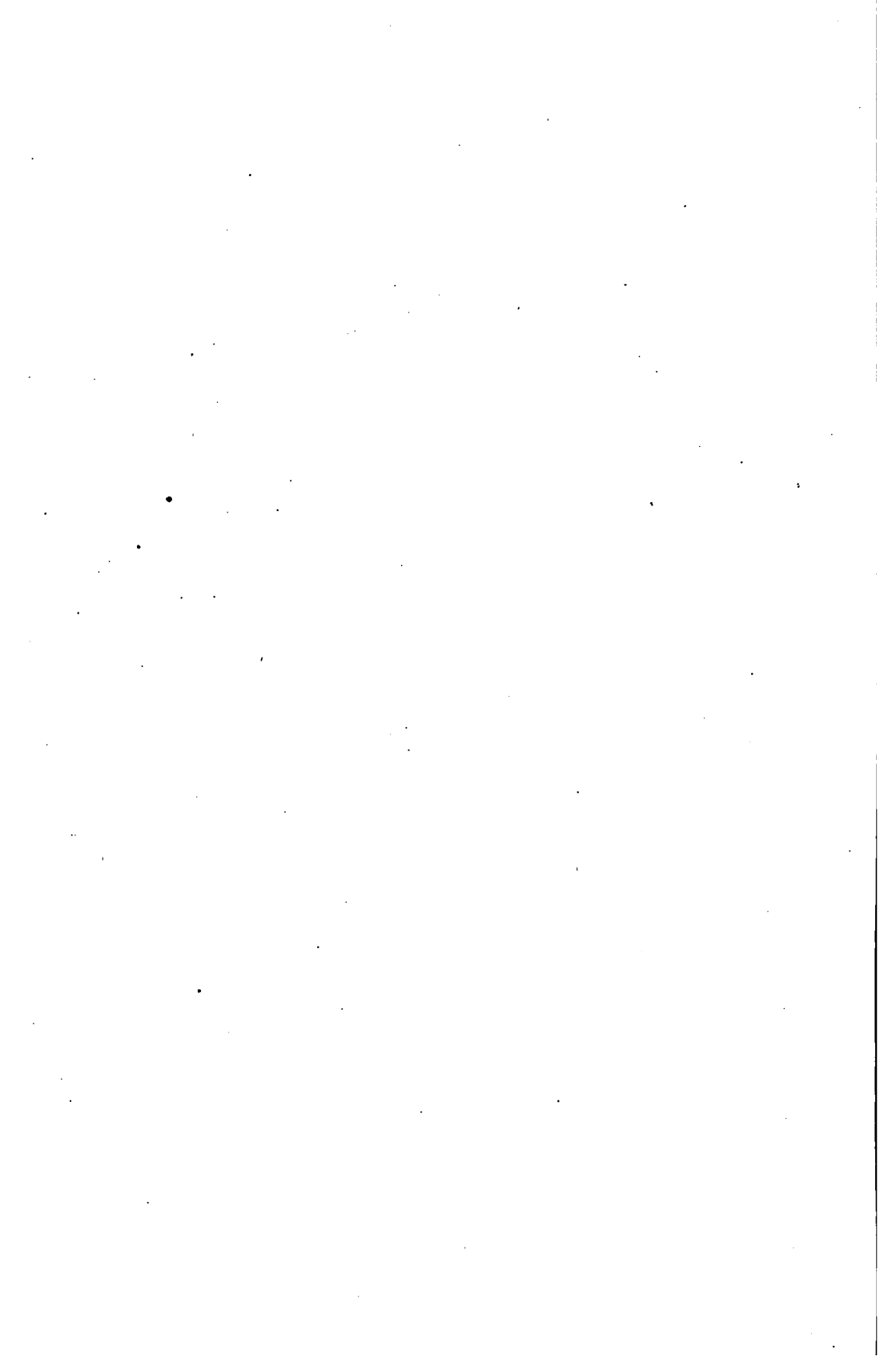
T. C. COOGAN,

Attorney for the Board of State Harbor Commissioners of the State of California.

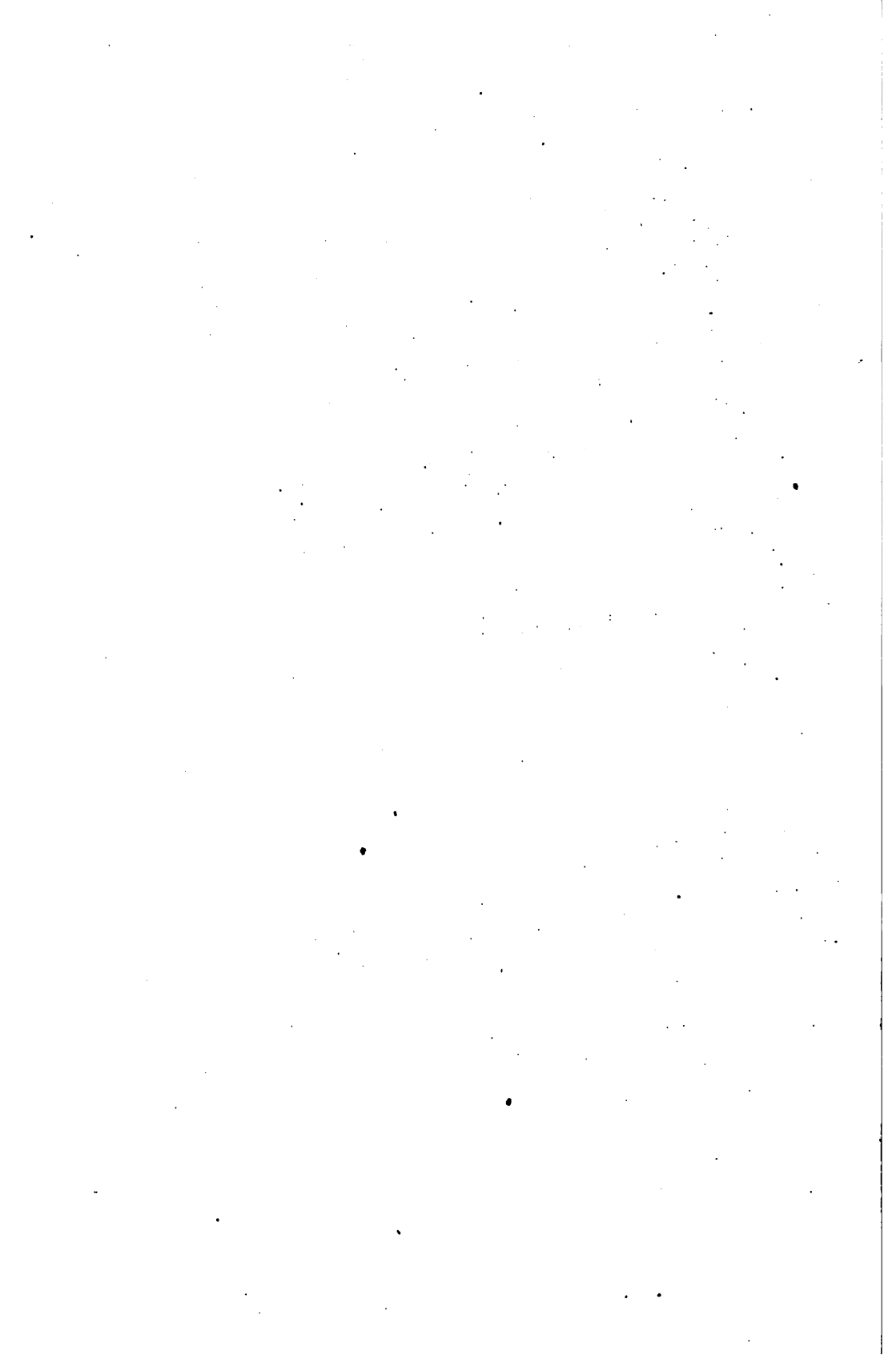


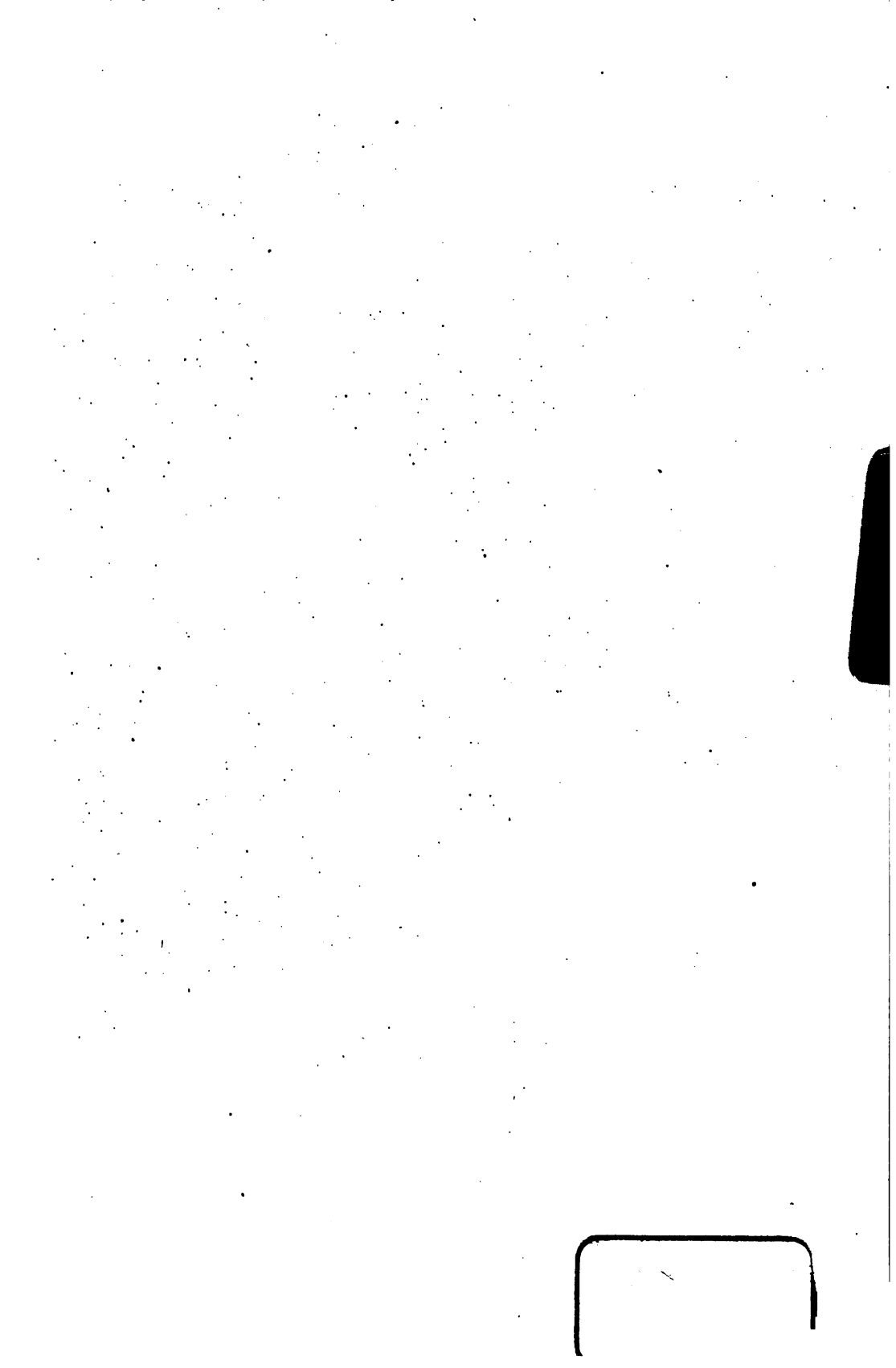














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